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RETAILER — WHOLESALER — MANUFACTURER
JUNE 2, 1951

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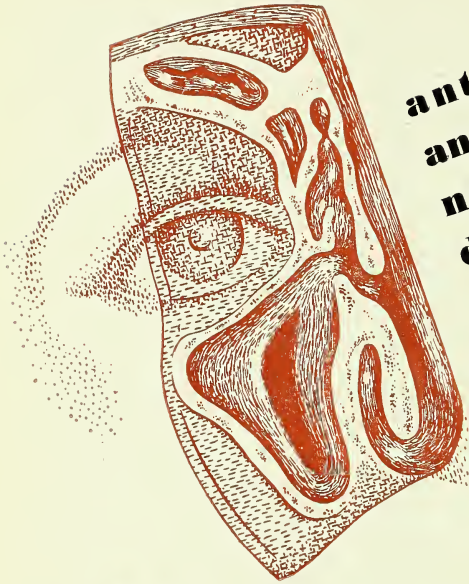

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The

CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER

JUNE 2, 1951

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NEWS OF THE WEEK

Import Licences Required for Terra-cin.—From May 29, terramycin has n added to the list of drugs excluded m the "liberalised" category of im-ted drugs, medicines and medicinal parations. Licences will therefore be uired for the import from any terri-y of terramycin.

Colonial Students Invited.—The Inter-ional Pharmaceutical Students' Federa-n invites colonial pharmaceutical stu-nts at present in Britain to attend the deration's conference in Copenhagen, gust 20-23. A holiday camp is being d outside Copenhagen during the week ginning August 13. Students who pro-e accepting the invitation are asked to te to the secretary, Mr. S. J. Relph, 64 gh Street, Wanstead, London, E.11.

Imported Sulphuric Acid Duty-free.—new Order (S.I., 1951, No. 880), which ne into operation on May 24, exempts phuric acid and oleum from import ty. The Board of Trade has made an der (S.I., 1951, No. 934), with effect m June 1, permitting, increases in the maximum prices of all grades of ground sulphur. The increases, of approximately 30 per cent., result mainly from the rise in freight rates in recent months.

Purchase Tax on Calamine Lotion.—Following a recent High Court judgment, the Commissioners of Customs and Excise have announced that they cannot continue to admit calamine lotion and similar alleviating toilet preparations containing masking perfume to the lower rate of tax under Group 32(b) (ii) of the Purchase Tax Schedule. After consultation with trade associations they have decided that, from August 1, such perfumed preparations shall be regarded as chargeable at the rate of 100 per cent. under Group 32 (b) (i).

Co-ordinating Committee on Hospital Pharmacy.—The Council of the Pharmaceutical Society has decided to discontinue the arrangement under which the Guild of Public Pharmacists nominated representatives to serve on its Public Services Committee, in favour of a co-ordinating committee composed of three members of each body. The new committee as first

constituted consists of Miss M. C. Islip, Messrs. D. W. Hudson and W. J. Tristram representing the Society, and Messrs. G. Bryan, J. H. Wood and J. Moore representing the Guild. It will discuss matters of common interest.

Women Pharmacists' Officers.—The following have been elected officers of the National Association of Women Pharmacists.—*President,* Miss M. A. Burr; *Vice-president,* Miss V. W. Burrell; *Registrar,* Miss H. I. Trapp; *Secretary,* Miss Agnes P. McBride, 14 Highbury Park, London, N.5. Miss D. I. Morgan and Miss P. M. Green, 35 York Street Chambers, Bryanston Square, London, W.1, have been re-elected *Treasurer* and *Employment Secretary* respectively.

Cancer Hospital Centenary.—The centenary of the Royal Cancer Hospital, London, was celebrated at a dinner held in London recently. During the evening a message was read from the King congratulating the hospital on its work. Speakers included Lord Horder, Messrs. H. A. Marquand (Minister of Health), Oliver Lyttelton (president of the Hospital) and Sir Henry Dale. Sir Edward Cripps (governor of the Imperial Cancer Research Fund) presided.

Socialist Medical Association. — The Socialist Medical Association celebrated its coming-of-age in London, on May 27, with a two-day conference and a dinner at which the chief guest was the Minister of Health (Mr. H. A. Marquand, M.P.). One of many resolutions discussed by the conference called upon the Government to reintroduce price control in the drug, chemical and proprietary medicine industry. It was passed unanimously. Dr. David Stark Murray was elected *President,* and a change in the secretaryship brings to that office a pharmacist, Mr. T. C. Thomas, M.P.S. Messrs. E. C. Meredith, M.P.S., and M. W. Davies, M.P.S., were elected, and Messrs. B. A. Williams, M.P.S., and A. Thorburn, Ph.C., re-elected members of the Central Council.

Another Supplementary Payment.—The Minister of Health has decided to make a supplementary payment on account to chemists on the following basis: The supplementary payment to each contractor will be at the rate of 7½ per cent. of the total amount paid to him in the months October 1950 to May 1951, inclusive, by way of payments on acco for prescriptions dispensed during months September 1950 to April 19 Where the contractor has been provid pharmaceutical services for part only the period, the payment will be calcula accordingly. Rota payments, payments way of final settlement for previ months and special payments (e.g., for pensive drugs, etc.) will be excluded fr the figures on which the payment is ba Executive Councils have been asked make adjustments in the amount wher appears to them that the payment wo result in overpayment to a particular c tractor.

Aureomycin and Chloramphenicol C trolled. — Regulations bringing aureo cin and chloramphenicol within the sc of the Penicillin Act, 1947, from Jun are contained in an Order, the Aureo cin and Chloramphenicol Regulati 1951 (S.I., 1951, No. 919) just publisl The Regulations apply to Great Bri and Northern Ireland.

Aureomycin is defined as "any antimicr weakly basic substance or mixture of such substances produced by *Streptomyces aureofa* having the properties specified in paragraph of this regulation, and includes any substance chemical and biological properties of which identical with or similar to those of any of substances aforesaid but which is not prod by living organisms."

Chloramphenicol is defined as "the antimicr alcohol *D*(-)-*threo*-2-dichloroacetamido-1-*p*-n phenyl-propane-1:3-diol produced by *Strepton venezuelae,* and includes any antimicrobial pound derived therefrom (including homolo substituted and esterified compounds) and any stance the chemical and biological propertie which are identical with or similar to thos any of the aforesaid substances but which is produced by living organisms.

The properties referred to in the scription of aureomycin are:

(*a*) the substance is a yellow crystalline pound containing nitrogen and non-ionic chlo and (*b*) the substance, in the form of a buf solution having a *p*H value of 7.5, develops a fluorescence, and on heating with hydroc acid turns yellow.

LOCAL NEWS

Glasgow Golfers.—At the spring m ing of the Glasgow Pharmacy Club's section prizes were won by Messrs. Laurie, J. MacMillan, T. Mackie Farmer and J. Gibson.

Southport N.H.S. Costs.—The cost of the National Health Servic Southport in the year ended March was £50,000 below the estimated figu £410,000, though the pharmaceutical vice exceeded its estimate.

Presentation by Pharmacist.—Mr. J. Dale, M.P.S. (chairman, Stoke-on-Trent rmaceutical Committee) presented, on alf of the committee, a cheque to Mr. Wallett in appreciation of his services, the occasion of his retirement from the ce of Clerk to the Stoke-on-Trent Extive Council recently.

Annual Outing.—The directors and staff James Burrough, Ltd., Cale Distillery, ndon, S.E.11, went to Hastings on May for their annual outing. Mr. W. Bates presented with a gold wristlet watch completing fifty years' service with the npany. Mr. E. L. Burrough presided unch and the toast of the company was posed by Mr. J. H. Barnard.

Lecture on Allergy. — An address on ecent Facts in the Effect and Treatnt of Allergy" was given by Mr. R. G. Chamings (Ciba Laboratories, .) at a meeting of the Thames Valley rmacists' Association held on May 24. . Chamings made particular reference hay fever. The address was preceded a film (shown by Mr. W. R. Richards) nonstrating the manufacture of anti-hisinic drugs and followed by a discussion.

Cost of N.H.S. in London.—The total t of the National Health Service in the ndon area for the year 1950-51 was 1,550,512, of which £2,766,439 was for pharmaceutical services. The figures e respectively £186,220 lesss than and 88,614 more than the corresponding mates for the year. The London Extive Council attributes the excess for pharmaceutical services to the influa epidemic in the early part of 1951.

New Factory in Southampton.—An anie mortar and pestle was presented to mayor of Southampton recently by rbert Ferryman, Ltd., when he officially ned a new two-storied factory in ory Road, Southampton on behalf of company. The site was acquired in 2 but it was not until the introduction the National Health Service that the essary building licences were granted. e company will continue to use the oden Bridge property as wholesale wareuses.

Chemists' Golf.—The London Chem- Golfing Society held a competition Moor Park on May 24 for the Morny ze. Mr. G. H. Hankinson (14), 69 net the winner. Mr. R. Poole (13), 4 vn after a tie with Mr. E. G. Smith won the Eno prize in a bogey competition. —The annual competition for the Crookes trophy played for by members of the Leeds Branch of the Pharmaceutical Society at Wetherby on May 23 was won by Mr. W. Clegg Fowler. The trophy was presented at a dinner following the competition by Mr. R. G. Garnett (Yorks representative, Crookes Laboratories, Ltd.).

Calls to Reopen Pricing Offices.—The Lancashire Executive Council recently approved recommendations from its benefits committee pressing for the re-establishment of the former local prescription pricing bureau. The Council claims that pricing and prompt payments each month could be made in full to chemists if the recommendations were adopted. The committee also recommended that urgent representations be made to the Ministry for the establishment of additional bureaux.—Dissatisfied at the slowness in payments for prescriptions to chemists, Eastbourne Executive Council is proposing a resolution at the fourth annual meeting of the Executive Councils Association to be held at Eastbourne in October asking the Minister of Health to set up supplementary pricing bureaux.

P.A.T.A. Secretary in Devon.—In the course of an address to the members of the North Devon Branch of the National Pharmaceutical Union at Barnstaple on May 18, Mr. H. E. Chapman (secretary, Proprietary Articles Trade Association) described what had been done by the P.A.T.A. and other organisations since the publication of the Lloyd Jacob report on price-maintenance. He reminded the meeting that proprietary articles sold by chemists and protected by the P.A.T.A. included infants' and invalids' foods, perfumes, cosmetics and other toilet preparations. The price protection of those goods was a factor of importance to retail chemists. Membership of the retail section of the P.A.T.A. in Devon was almost 100 per cent., he said. A strong P.A.T.A. supported by all sections of the trade was essential to the continued well-being of pharmacy.

IRISH NEWS

Dublin Shop Raided.—Three cameras of total value about £300 were stolen in a smash-and-grab raid from the side window of Slattery's photographic shop, Upper O'Connell Street, Dublin, recently.

Chemists' Golf. — The Irish Chemists' Golfing Society held an outing recently to the Castle Golf Club, Rathfarnham, Dublin, to play for trophies presented by May, Roberts (Ireland), Ltd. Those present included Messrs. A. D. Davidson (a director of May, Roberts, Ltd.), A. W. Hughes (a director of St. Dalmas (Ireland), Ltd.) and W. R. Such (a director of Evans Medical Supplies (Ireland), Ltd.). The winner of the 18 holes strokes competition was Mr. T. J. Lynch (6), 69; runner-up, Mr. D. N. Mulvey (24), 69. The winner of the 18 holes bogey competition was Mr. P. F. Twohig (18), with 2 down; runner-up, Mr. J. Mason (10), with 3 down. A supper was held afterwards at the club house, Mr. T. J. Lynch (immediate past captain) in the chair. Votes of thanks were passed to the donors of the prizes, and to the club for the facilities provided. The Society is holding its annual three-day outing to Rosslare, May 28-30. On the evening of May 27 the County Wexford Chemists' Association are holding their annual dance at Courtown, to which all golfing pharmacist visitors to the county are invited.

Northern Ireland D.D. Changes.— Under S.R.&O. Northern Ireland, 1951, No. 65, made by the Minister for Home Affairs under the Dangerous Drugs Act, certifie midwives are authorised to be in possessic of and to administer medicinal opiur tincture of opium and pethidine for the practice. The authority is subject to tl keeping of a drugs book issued by the Joi Nursing and Midwives' Council; the boc must be shown to the persons supplyir the drugs and in it a record of the supp and administration must be kept. Certifi midwives will not be allowed to be possession of a quantity of pethidine e ceeding that which would be required f the administration of 200 mgm. to ea woman whose case of pregnancy is enter in the personal register of cases. They a also required to keep drugs and prepar tions in a locked receptacle. The Regul tion lists the following items as omitt from the Fourth Schedule:—Linctus di morphinæ camphoratus, B.P.C., 1923 a 1934; linctus diamorphinæ cum ipeca uanha, B.P.C., 1934; linctus diamorphir et scillæ, B.P.C., 1923 and 1934; linct diamorphinæ et thymi, B.P.C., 1923 a 1934, and pasta arsenicalis, B.P.C., 19 The principal Regulations are a amended to cover persons registered in t Supplementary Veterinary Register unc Veterinary Surgeons Act, 1948.

NORTHERN AND SOUTHERN PHARMACISTS' CONFERENCE.—Representatives of the Northern Irel National Health Committee travelled to Dublin at the invitation of the Irish Drug Association to cor with them on the working of the National Health scheme in Northern Ireland as it affects pharmaci The I.D.A. is preparing a scheme for the South (for submission to the Government). Front row: Mes R. Gibson, O.B.E. (chairman, Northern National Health Committee), T. C. Scott (president, Pharmaceut Society of Ireland), David Woulfe (president, I.D.A.), H. W. Gamble (president, Pharmaceutical Soc of Northern Ireland). Back row: Messrs. James G. Coleman (registrar, Pharmaceutical Society of Irelan F. Robinson, C. Cremen, P. McGrath, J. Roche (I.D.A. committee) and B. R. Smith (I.D.A. secreta

TOPICAL REFLECTIONS

Franco-British Congress

An event of unique importance recorded in your issue of May 26 was the Franco-British Pharmaceutical Congress (pp. 670-74) held at Brighton on May 18-20. So far as is known, British pharmacy is the first vocation to take the initiative in implementing the cultural convention established between the Governments of the two countries. "What do they know of England who only England know?" wrote Kipling. First-hand opinions (of which I have heard several) are unanimous that this was an event not only unique in British pharmacy but also full of promise. The remark of the chairman at the opening session that a limited success in co-operation had already been achieved was justified. Nothing, however, can take the place of personal contacts in such a venture; and these contacts were, perhaps the outstanding feature of the Brighton Congress. But by no means the only feature: for the British pharmacists present must have acquired some valuable information. Former generalities were replaced by factual details of French pharmaceutical education and practice. We read in your report that a pharmacist in France must be the sole proprietor of his shop, and that in wholesale trade at least 51 per cent. of the capital must be held by pharmacists. Again, in the French Sécurité Sociale, corresponding to our National Health Service, the patient pays for supplies of medicine "completely and at once," receiving back 80 per cent. of the payment later.

Three Discussions

From your reports of the annual meeting of the Pharmaceutical Society and of two meetings connected with it (pp. 681-86), it appears that members of the Society are not suffering from tongue-tie; on the contrary, there is in the *C. & D.* Dictionary of Medical Terms a series of ailments beginning with "gloss," one or two of which would fit the case better. Was it necessary to keep the adjourned meeting going till 11.20 p.m.? I am not suggesting that all the time was wasted. Anxiety as to any curtailment of the right to use the term "dispensing chemist" is understandable, and in the circumstances the decision of the meeting to refer the matter back to the Council was sound. Disciplinary cases before the Dental Board in its early days frequently related to the use, or alleged use, of panels, door-plates and so forth containing lettering larger than was required to direct patients to the premises concerned. Hence, I suppose, comes the proposal of the Council to limit the size of any notice displayed at a shop. One wonders what might happen to some notices directing patients to hospital dispensaries. Unhappily the amendments proposed from the floor of the hall were not all so well considered. I am one of those who have never been able to work up any enthusiasm for or against the printing of asterisks on the Council's voting papers. My choice of candidates will never, I hope, be determined by studying these stars. If they are abolished (as now seems likely), life will go on much as before.

Wellcome Exhibition

It is evident that the "History of Pharmacy" Exhibition lately opened at the Wellcome Research Institution (pp. 675-77) has all the interest that we associate with displays mounted there from time to time. As is generally known, Sir Henry Wellcome set himself a very high standard in collecting, with the result that the Wellcome Library and Museum are on the top level of such institutions. I was glad to see your praise of the "De Historia Stirpium" of Fuchs, which appeared in 1542. Dr. Agnes Arber has described it, in her well-known book on herbals, as a botanical masterpiece, adding that its woodcuts are "of extraordinary beauty." The book deals with about 400 German and 100 other plants. Many of Fuchs's illustrations were copied, on a reduced scale, for the sixteenth-century herbals of William Turner and Henry Lyte. The speech of Sir Howard Florey in opening the Exhibition contains food for thought. It is reassuring to learn, on such high authority, that there is "little interest in discovering drugs which have an influence on hæmolytic streptococcal infections." That the world of pharmacy "in its narrower aspect" is passing away is true; but is it so certain that "most scientists are rather ignorant people," even with the added qualification about Oxford common rooms? It was at one time true of some, perhaps of many, scientists. But I venture to suggest that this state of affairs, like the world of pharmacy in its narrower aspect, is passing away.

Xrayser

COMPANY NEWS

Howard Lloyd & Co., Ltd., Leicester. —Mr. Thomas F. Collings has been appointed managing director of the company.

May, Roberts (Ireland), Ltd. — Net profit for year to March 31 amounted to £43,724 (£40,052). Dividend is 15 per cent. and bonus 2½ per cent. (the same).

John Knight, Ltd.—Net profit for 1950 after taxation amounted to £133,370 (against £92,474). Tax, £190,736 (£129,648). Dividend is 15 per cent., tax free (7½ per cent., tax free).

Virol, Ltd.—Net profit to March 31 amounted to £28,825 (against £39,108) after taxation of £28,423 (£48,597). Dividend is 20 per cent. (17½ per cent. plus jubilee bonus of 7½ per cent.).

J. C. & J. Field, Ltd.—Mr. H. C. Green has resigned from the board. Mr. Green has served the company as general manager, director, and chairman for nearly forty-one years, and on his retirement has been appointed honorary president.

Kempthorne Prosser & Co.'s New Zealand Drug Co., Ltd.—Net profit for the year ended January 31 amounted to £115,223 (against £110,726). Final dividend is 6½ per cent. (4½ per cent.), making 10 per cent. (8 per cent.) for the year.

Unichem, Ltd.—The accounts for the year showed a balance from the trading account of £14,989 (against £11,097), the profit available for appropriation being £13,992 (against £9,391). A dividend of 6 per cent. (the same) has been declared, £1,000 (£700) has been allocated to national advertising reserve and £3,500 (£1,500) to general reserve, a balance of £1,156 (£1,026) being carried forward. At the annual general meeting on May 23, Mr. D. A. Rees, Ph.C., chairman, announced that a new issue of 50,000 £1 shares would be offered to members in September.

Evans Medical Supplies, Ltd. — Net profit of the group after tax amounts to £77,561 (against £45,225). A final ordinary dividend is proposed of 7 per cent. (same), plus bonus of 2 per cent. (nil), making 12 per cent. (10 per cent.), £19,625 (£8,466) on doubled capital. To reserve, £52,000 (£12,000); carried forward, £50,720 (£56,957). The increased profits are attributed to manufacturing economies and increased export trade. Subject to the consent of the Capital Issues Committee, the directors recommend that part of the reserves be capitalised and bonus issue of three 5s. ordinary share for every four 5s. stock units held.

Monsanto Chemicals, Ltd. — Grou profit for 1950 amounted to £545,40 (against £296,384 in 1949) and profit c the parent company came to £418,07 (£278,499). A final ordinary dividend recommended of 40 per cent. (30 per cent. making 55 per cent. (45 per cent.), le tax, for the year. The chairman (M Edw. A. O'Neal, junior), in a statemer with the accounts, states that net sales c the company exceeded budget estimates b 7 per cent. and were 41 per cent. abov the 1949 record. Less than 5 per cent. c the increase in sterling worth of goods sol was to be attributed to increases in sellin prices. Greater production at the ne factory at Newport was largely responsib for the increased volume of business.

The British Drug Houses, Ltd.—Th report of the directors accompanying th accounts (see *C. & D.*, May 5, p.570) fo the year ended December 31, 1950, stat the most satisfactory aspects of the yea were the big advances in export sales an sales in overseas markets (which togeth accounted for 41 per cent. of the tot consolidated turnover for the year) and th marked forward strides of the Poole fa tory, which produces laboratory and no medicinal chemicals. Sales by the subsidia companies in terms of sterling advance by about 47 per cent. over 1949. Sales the Poole factory to overseas customers, i cluding the company's subsidiaries ro by over 25 per cent.; in the domestic ma ket its sales increased by 24 per cent. Sim larly export sales of the London factor making medicinal products, rose by 25 p cent.; its domestic sales by 5 per cent.

New Companies

H. E. Young, Ltd. (P.C.).—Registere in Belfast. Capital £3,000. To acquire th business of a chemist and druggist no carried on by Norah K. Young at 2 Strand Road, Londonderry, as H. Young. First directors are not named.

Fudge & Co. (Chemists), Ltd. (P.C. —Capital £1,000. To carry on the bus ness of manufacturing and dispensir chemists, etc. Kenneth C. Fudge, M.P.S and Elsie M. Fudge, directors. R.O.: 3 Waltham Drive, Edgware, Middlesex.

PHARMACY IN HEALTH CENTRES

EALING with pharmaceutical services to provided at health centres, the Central ealth Services Council in its report for 950, recently published, says: "There e differing views on the desirability of oviding arrangements for dispensing atients' medicines at health centres. The ed for these services is usually greatest ring and after evening surgeries when ost shops are closed. Apart from this, harmaceutical services at a health centre ay be needed at all times in those areas hich are not well supplied with chemists' hops or where there is no shop pharmacy censed under the Therapeutic Substances ct for dispensing solutions such as penillin requiring special facilities for sterilng. We have concluded that for the me being local circumstances should ainly decide whether and to what extent acilities for pharmaceutical services should e provided at health centres, and that it desirable that there should be more xperience of this provision before firm onclusions are reached. We recommend hat such experience might most suitably e obtained in areas where alternative facities are clearly inadequate.

harmacists' Duties

"Where facilities are available at a health entre for dispensing patients' medicines, he pharmacist would also be responsible or the preparation of drugs and dressings sed for the internal work of the centre nd for the dispensing of solutions for njections. He would be available to the octors and dentists at the centre for conultation on pharmaceutical matters. The andling and storage of drugs covered by he Dangerous Drugs Acts should also be nder pharmaceutical supervision. Where he dispensing of patients' medicines is not ndertaken at a health centre, it will still e necessary for the local health authority o make provision for the internal pharmaeutical needs of the centre.

"A health centre pharmacy should inlude a dispensary, with facilities for the reparation of aseptic solution and with torage accommodation for drugs, dresings and sundries, and for gas and oxygen; also an inflammable stores oom separate from the building. Where harmaceutical services under Part IV of f the Act are being provided, the size of hese rooms will be larger and in addition here will be required a stock preparations room and a waiting room. The number of pharmacists and dispensing assistants needed will depend upon the amount of work undertaken. At centres where pharmaceutical services under Part IV of the Act are not being provided the part-time services of a pharmacist may suffice. There should also be a porter-storekeeper unless other help is available for the moving of heavy stores."

The Committee considers that some comprehensive health centres should be built now "notwithstanding the financial circumstances of the time." The experience gained from the first few would be of great value in planning widespread health centres in the future.

Copies of the report are obtainable from H.M. Stationary Office, York House, Kingsway, London, W.C.2, price 1s. 6d. each.

BRANCH OFFICERS

RECENTLY elected officers of branches of the Pharmaceutical Society or other pharmaceutical organisations include:—

North Metropolitan Branch and Association. — *Chairman,* Mr. A. G. Felton; *Vice-chairman,* Mr. Carl Norman; *Treasurer,* Mr. A. W. Leaversuch; *Secretary,* Mr. A. E. Footitt, 5 Mountgrace Road, Potters Bar.

Mansfield Branch. — *Chairman,* Mr. P. D. J. Spaanderman; *Vice-chairman,* Mr. H. Tingley; *Treasurer,* Mr. G. O. Smith; and *Secretary,* Mr. C. H. P. Robinson, Mansfield and District General Hospital.

Tunbridge Wells. — *Chairman,* Mr. W. K. Warren; *Vice-chairman,* Mr. G. Gardiner; *Treasurer,* Mr. G. Gardiner; *Secretary,* Mr. C. W. Scrace, 31 Rustwick, Tunbridge Wells.

Glasgow Branch, Guild of Public Pharmacists.—*Chairman,* Mr. J. Ley; *Vice-chairman,* Mr. A. Fullarton; *Secretary* and *Treasurer,* Mr. J. Nicol, Central Infusion Fluid Laboratory, 112 Ingram Street, Glasgow.

Leeds N.P.U. Branch.—*Chairman,* Mr. F. Mitchell; *Vice-chairmen,* Messrs. W. Ryecroft and G. Schofield; *Secretaries,* Messrs. F. A. A. Jones, 40 Commercial Road, Leeds, 5, and F. Mitchell, 94 Waterloo Road, Leeds, 10; *Treasurer,* Mr. F. J. Carr.

DEATHS

DOWNIE.—On May 16, Mrs. Annie Langlands Downie, wife of Mr. J. W. Downie, M.P.S., 801 Maryhill Road, Glasgow.

GEMMELL.—On April 28, Mrs. Helen Gray, aged one hundred, widow of Mr. Hugh Gemmell, formerly of Ardrossan, Ayrs.

HEATHCOTE.—At University College Hospital, London, on May 19, Mr. Reginald St. Alban Heathcote, M.A., D.M., B.Sc.(Oxon), F.R.C.P., 35 Palace Road, Llandaff, Cardiff, aged sixty-two. Dr. Heathcote, who was professor of pharmacology at the Welsh National School of Medicine, was on the Pharmaceutical Society's board of examiners, 1936-38, and was special examiner for the bachelor of pharmacy degree in 1940-47. He was a member of the Pharmacology Committee of the British Pharmacopœia Commission.

MORRIS.—On March 20, Mr. Archibald Morris, 40 Burnley Road, Padiham, Lancs, aged fifty-one. He qualified as a chemist and druggist in 1922.

MURRAY.—On May 1, Mr. Andrew Aitken Murray, M.P.S., Auld Reekie, Roderick Avenue, Peacehaven, Sussex. Mr. Murray qualified in 1907.

PEARSON.—On April 30, Mr. William James Pearson, M.P.S., 66A The Avenue, Southampton, aged seventy-one. Mr. Pearson was a past-chairman of the Southampton Branch of the Pharmaceutical Society, and was for many years captain of the Southampton Chemists' Cricket Club.

PRICE.—On April 25, Mr. Arthur Henry Price, Ph.C., Cornerways, Grove Road, Merrow, Guildford, Surrey. Mr. Price qualified in 1901.

SELBY.—On May 20, after a short illness, Mr. George E. Selby, a director and the secretary of Lofthouse & Saltmer, Ltd., manufacturing chemists, Hull, aged fifty-nine. Mr. Selby started with the company over forty years ago as an office boy and, apart from a break when he served with H.M. Forces during the 1914-18 war, remained with it until his death. For many years he served as the company's buyer, a post he held until he became secretary in 1943. For over fifty years Mr. Selby was a chorister at Holy Trinity Church, Hull, and he was also a member of the Hull Male Voice Choir. In earlier life he was a keen cricketer and a footballer. He is survived by his widow, a son now studying pharmacy, and a daughter.

SMITHSON.—At 87 Sleaford Road, Boston, Lincs, on May 12, Mr. George William Smithson, Boston, aged seventy-six. Mr. Smithson qualified as a chemist and druggist in 1899.

TOOMEY.—At Salisbury Infirmary, recently, Mr. George Victor Toomey, M.P.S., 2 St. Clair Road, Salisbury, aged fifty-one. He was proprietor of F. H. Newton, chemist, Catherine Street, Salisbury, from 1928 until ill-health forced him to give it up in 1939. He then took over an antique shop, which he owned until March 1951. He was a past president of Salisbury Rotary Club, was an active member of Salisbury Camera Club, and took a keen interest in the Salisbury, South Wilts and Blackmore Museum.

WALMSLEY.—On may 6, Mr. Thomas Walton Walmsley, M.P.S., 4 Merton Road, Bradford, Yorks, aged sixty-one. Mr. Walmsley was for twenty-four years in business at 110 Great Horton Road, Bradford.

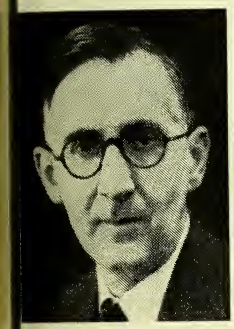
WALTON.—Recently, Miss Elizabeth Walton, M.P.S., White Lea Grange, Batley, Yorks. Miss Walton qualified in 1913.

WESTMACOTT.—On May 27, Mr. George Leonard Westmacott, Ph.C. (a director of Westmacott & Son, Ltd., manufacturing chemists, 77 Cannel Street, Manchester, aged eighty-two. After qualifying at the age of twenty-one, he joined his father, the late Mr. G. H. Westmacott, in the family pharmacy (founded in 1830) at 1 Market Street, Manchester. In addition to his pharmaceutical activities, he devoted much time to building up a high-class mineral water manufacturing business—side of the business started by his father. Early in the present century he acquired a factory at 77 Cannel Street, Manchester to cope with increased business, and later commenced a manufacturing and wholesale chemists business, at the same address. He attended the business daily until two years ago when his health showed signs of failing. In his youth he was an all-round athlete, and in later years achieved considerable ability in water-colour painting. He was for many years a councillor of the urban district council of Handforth and Wilmslow. He leaves a pharmacist son (Mr. B. S. Westmacott, B.Sc., Ph.C.), who is also a director of the company.

PERSONALITIES

Councillor G. H. Goodwin, M.P.S., Wilton Court Pharmacy, Bexhill, has been installed mayor of Bexhill.

Mr. F. J. Conduit, Ph.C., who has been appointed a director of Allen & Hanburys, Ltd. (see *C. & D.*, May 12, p. 602), was apprenticed to E. J. Blaker, Ltd., Haslemere, and qualified as a chemist and druggist in 1926 and as a pharmaceutical chemist the following year. He joined the staff of Allen & Hanburys, Ltd., in 1929, and has been associated with marketing activities. He visited the United States and Canada for the company in 1948. Mr. Conduit has taken an active part in the Harrow Branch of the Pharmaceutical Society for many years, has twice occupied the office of chairman, and has been its treasurer since 1938.



Mr. C. Rankin (Rankin Bros. & Sons, York manufacturers, 139 Bermondsey Street, London, S.E.1 and Caramujo, Portugal) is sailing from Southampton on June 1 for Lisbon and Oporto.

Mr. W. L. Thomson, B.Sc., M.P.S., a director of Ernest Jackson & Co., Ltd., Crediton, Devon, has been re-elected chairman of the Crediton urban district council. Mr. Thomson is also a justice of the peace for the county of Devon.

Mr. J. M. Edwards, M.P.S., Aberystwyth, who is secretary of Cardiganshire Branch of the Pharmaceutical Society, has been elected president of Aberystwyth chamber of trade. A native of Dolgelley, he has been in Aberystwyth seven years, having previously lived in Bournemouth, Dorset and London.

Mr. A. D. N. Hocking, M.P.S., the new president of Thames Valley Pharmacists' Association, was apprenticed with Boots, Ltd., in 1925, qualifying from Nottingham University College in 1935. He has served on the Surrey Pharmaceutical Committee and was secretary of the Association for the past five years. Mr. Hocking is manager of the Westminster branch of Boots, Ltd.

Mr. T. C. Thomas, M.P.S., who has been elected national secretary of the Socialist Medical Association (see p. 694) is the first non-medical member to hold that office. A founder member of the North-west Middlesex Branch of the S.M.A., Mr. Thomas is also secretary of that branch. He is the proprietor of pharmacies at Queensbury and Kenton, Middlesex.

Mr. Abdul Aziz Al Mudhaffer, O.B.E., head of a company of general import merchants bearing that name and specialising in pharmaceutical, medical and surgical instruments and allied products in Baghdad, is in Britain on a business visit. He came at the invitation of the Board of Trade and was a guest of honour at the opening dinner of the British Industries Fair recently. Prior to 1938 he was in the Iraqi Diplomatic Service and was the Iraqi Minister in Paris, 1935-37. In the 1914-18 war he was attached to the political establishment of the British Forces, 1917-19, and was three times mentioned in dispatches. Mr. Mudhaffer states that he is impressed with what he has seen of British industry during his stay in Britain. His address while here is Claridges Hotel, Brook Street, London, W.1.

Mr. A. A. Stead, who is at present advertisement manager of the Proprietary Articles Trade Association, recently completed forty years with the Association. He became a member on February 20, 1911, under the direction of Mr. W. Johnston, Ph.C. (at that time assistant secretary). The indoor staff consisted of an office manager, cashier, shorthand-typist, young assistant to Mr. Johnston, and himself. Mr. Stead soon came into contact with the founder of the Association, and in the rôle of messenger was a frequent visitor to St. Stephen's Hall, Westminster, when the House of Commons was sitting. He writes: "At times during observation work I have been mistaken for a butler, a bookmaker and a sleuth. On one occasion I was turned out of a grocer's shop as a suspected agent, and on another an East End tailor offered to supply me with a new suit of clothes and my wife with a costume if only he could have supplies of P.A.T.A. goods."

TRADE NOTES

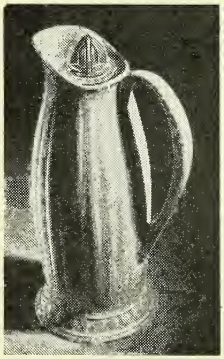
Bonus Offer.—On another page Dae Health Laboratories, 17 Berners Street, London, W.1, direct attention to a bonus offer of fourteen to the doz. Valopto lotion.

Perfumed Floral Soap.—F. C. Calvert & Co., Ltd., Gibbon Street, Ashton New Road, Manchester, 11, are issuing under the name Petal, and transparent-tissue wrapped, a shaped "flower" soap in pink. The tablet is encased in a black carton with design in pale yellow and pink.

Germicidal Soap.—Pure Products, Ltd., Nottingham, claim that when their new Derl soap (containing hexachlorophene) is used by surgeons before operations, time required for scrubbing is reduced from ten to three minutes, and that hexachlorophene remaining on the hands keeps down the bacterial count for several hours.

Display Competition.—Details are given on another page of a window display competition for Brylcreen hair dressings organised by the manufacturers, County Perfumery Co., Ltd., Honeypot Lane, Stanmore, Middlesex. Cash prizes of £100, £50 and £25, and fifty consolation prizes, are offered in the chemists' section of the competition.

Semi-porcelain Vacuum Jug. — The Georgian vacuum jug, shown for the first time recently at the British Industries Fair is issued by Vacuum Flask Co., Ltd., Lissenden Works, Gordon House Road, London, N.W.5, who claim to be the only company in this country manufacturing a vacuum jug in semi-porcelain. The Georgian is highly glazed, and has a Frezeheat refill and Seal-a-vac stopper.



Advertisement Correction. — Harker, Stagg, Ltd., Emmott Street, London, E.1, regret that obsolete prices were given in an announcement of a new pack of Peldosect insecticide spray published in the advertisement pages of this paper on May 26. The correct prices are: Squeeze-bottle containing 5 fl. oz., 30s. per doz., 3s. 6d.; 20-oz. refill, 35s. per doz., 4s. 3d.

Festival Souvenir Boxes. — On sa throughout the country during the Festiv of Britain season, the three attractive

decorated boxes illustrated are produc by the Metal Box Co., Ltd., The Langha Portland Place, London, W.1, to co memorate the Festival. They follow tradition the company has maintained f over fifty years, during which time it h made souvenirs to commemorate eve great national event since Queen Victori Diamond Jubilee.

Sunglass Repair Service. — Thurg Bollé, Ltd., Wellingborough, announce th their lens repair service has been improv resulting in a considerable saving in time refitting new lenses to the company's s glasses. Retailers are being invited to e courage customers to send sunglasses quiring repairs direct to the compan factory, making use of the order form su plied with Thurgar Bollé sunglasses at t time of sale. The repair of other make products is not undertaken.

Quick-curler Pack.—Pin-Up Cold Per Wave, Ltd., 59 Park Royal Road, Lond N.W.10, demonstrated to the Press May 28 a new one-piece flexible curler, Simplex, of rubber-covered aluminiu which is included in a new quick-cur pack. The new curler speeds up the cu ing process, and the actual "permin time has also been shortened from th to two hours. Messrs. Pin-Up are a offering purchasers the service of a n hair-styling service as part of their advis bureau.

Pocket Cloth Brush.—Addis, Ltd., T Brushworks, Hertford, are now produc a new type of pocket cloth brush w finger-grip on the handle. As this preve

ıe stamping of the name on the handle, ıe name appears now on the acetate case. 'he brushes are supplied assorted in dozens ı pink, blue, green and tortoiseshell. The andard colour assortment will be three ink, three blue, three green and three ortoiseshell. In view of increased costs ıe price is slightly increased on that of ıe model that is being replaced.

New Products.—On another page CROSFIELDS (CWG), LTD., draw attention to ıeir new toilet soap Breeze.—JEFFERIES HEMICAL CO., LTD., 4 New Bridge Street, ondon, E.C.4, are shortly issuing their DT and pyrethrum spray Lethanol with n increased percentage of pyrethrum and he addition of a new toxic compound. 'he modified product is designed for praying houses and public buildings in ıder to control, and as a measure of preention against, outbreaks of infantile aralysis.—DIN-DIN, LTD., 5 Rampayne Street, London, S.W.1, are introducing as companion line to their Din-Din pure ver puree for babies Din-Din pure beef uree (four portions in a sealed glass jar).

Price Changes. — W. B. CARTWRIGHT, LTD., Rawdon, Leeds, announce increases from June 1 in the prices for Lobelline, Urillac, and Penetrol inhalant, drops and inhalers.—D. & W. GIBBS (U.K.), LTD., 3 Salisbury Square, London, E.C.4, announce that the prices of Astral skin cream are being increased; the new prices apply to goods dispatched on or after May 28. —HOUGH, HOSEASON & CO., LTD., Atlas Laboratories, Levenshulme, Manchester, 19, announce a new price for Calamilk antiseptic lotion.—From June 1, the prices of Caapi tablets are being increased by the manufacturers, H. R. NAPP, LTD., Clements Inn, London, W.C.2.—SOUTHON LABORATORIES, LTD., 84 Upper Richmond Road, London, S.W.15, announce that new prices for Esoban preparations took effect on June 1.

Price Correction.—Too late to make an alteration, Evan Williams Co., Ltd., Perivale, Middlesex, discovered an error in the price given for Evan Williams toning pack in the company's announcement on another page. The retail price is 2s. per packet.

PROPRIETARY ARTICLES TRADE ASSOCIATION

Alterations to Protected List (Part 1)

(I.R.P.—Inclusive Retail Price)

roduct	Doz. s.	Doz. d.	Tax %	I.R.P. s.	I.R.P. d.
V. B. Cartwright, Ltd.					
'enetrol inhalant	19	6	33⅓	2	9
3 doz.	18	9	33⅓	—	
	32	0	33⅓	4	3
3 doz.	30	6	33⅓	—	
C. C. De Witt & Co., Ltd.					
'rices in Great Britain and Northern Ireland:					
De Witt's antacid powder	21	0	33⅓	2	11
	35	3	33⅓	4	11
5 orders, 20s. 6d. doz. and 34s. 3d. doz.; £10 rders, 20s. doz. and 33s. 3d. doz.; £20 orders, 9s. 6d. doz. and 32s. 3d. doz.					
Eli Lilly & Co., Ltd. (Correction):					
No. 63, Metycaine ointment, 5 per cent. ½ oz. ...	36	0	Nil	4	6
Glaxo Laboratories, Ltd.					
Glucodin, 1 lb. carton ...	25	6	Nil	2	10
Vasilan, 8 oz.	43	2	Nil	4	6
Lobelline, Ltd. (agents, *W. B. Cartwright, Ltd.*)					
Lobelline	12	9	33⅓	1	9
3 doz.	12	3	33⅓	—	
	29	6	33⅓	4	0
3 doz.	28	6	33⅓	—	
Savory & Moore, Ltd.					
Limolite	13	0	33⅓	2	0
	26	0	33⅓	4	0
	48	0	33⅓	7	4
	96	0	33⅓	14	8
The Urillac Co., Ltd.					
Urillac Tablets	5	10½	33⅓	0	10
3 doz.	5	4½			
	11	9	33⅓	1	8
3 doz.	10	9			
	27	9	33⅓	4	0
3 doz.	26	6			

Alterations to Protected List (Part 2)

Product	Doz. s.	Doz. d.	Tax %	I.R.P. s.	I.R.P. d.
Chesebrough Mfg. Co., Ltd.					
Vaseline liquid shampoo ...	10	6	33⅓	1	6
Price in Channel Islands ...	10	6	Nil	1	3
Evan Williams Co., Ltd.					
Wave set	6	7	100	1	4
Scrubb's cloudy ammonia 20-oz.	14	3	Nil	1	7
A. Wander, Ltd.					
Ovaltine Chuckles	12	9	Nil	1	4
Milton Antiseptic, Ltd.					
Rayfilta sun tan jelly, large (small size withdrawn)	14	6	100	3	0
Small size withdrawn					
Henry C. Miner, Ltd.					
After-shave lotion and tonic; men's brilliantine	12	0	100	2	6
Morgan's Pomade Co., Ltd.					
Morgan's pomade	20	0	100	4	0
Pond's Extract Co., Ltd.					
Pond's talcum powder ...	14	0	100	2	9
freshener pads	9	0	100	1	9
The Pin-up Cold Perm-Wave, Ltd.					
Pin-up junior size refill outfit	24	6	100	5	0
Stewart Goodall & Dunlop, Ltd.					
Nucta cream shampoo ...	16	0	33⅓	2	6
Potter & Clarke, Ltd.					
Thompson's Slippery Elm					
Food, 1 lb.	26	0	Nil	2	9
2 lb.	48	0	Nil	5	0
Unmalted, 1 lb.	26	0	Nil	2	9
2 lb.	48	0	Nil	5	0
Wholemeal, 1 lb.	26	0	Nil	5	0
2 lb.	48	0	Nil	5	0

C. & D. RETAIL AND DISPENSING PRICE LIST

PRICE changes during April–May have been widespread and consequent upon the advances in price of common basic materials such as alcohol, glycerin, phenol, etc.. Standard price lists at such times may become of little value, and the monthly corrections correspondingly more important. An almost all-round increase in the price of capsules should be noted. Supplies of senna pods are difficult to obtai and will become increasingly scarce until th new crop is available in three or fou months' time. Revised prices for dressing came into force on May 7.

The following changes, which took plac during April, should be noted. The dru index for the month is 210·6.

BANDAGES (individually wrapped)	1 in. s. d.	1½ in. s. d.	2 in. s. d.	2½ in. s. d.	3 in. s. d.	3½ in. s. d.	4 in. s. d.	6 in. s. d
White open wove B.P.C. 3 yd.	3½	—	—	—	—	—	—	—
White open wove B.P.C. 4 yd.	—	6	8	9½	11	—	—	—
White open wove B.P.C. 6 yd.	5½	8	10½	1 1½	1 4	—	1 9	2 10
Crepe B.P.C. (5 yd. stretched)	—	—	3 0	3 8	4 4½	5 0	5 9	8 6
Domette, B.P.C. .. .. 6 yd.	—	—	—	4 6	5 5	—	7 2	10 0
Flannel, B.P.C. .. .. 4 yd.	—	—	—	5 3	6 3½	—	8 4	12 6
,, ,, (unwrapped) 6 yd.	—	—	6 3	7 9½	9 4	—	12 6	18 8

	1 oz. 1 yd. s. d.	2 oz. 2 yd. s. d.	3 oz. 3 yd. s. d.	4 oz. 4 yd. s. d.	6 oz. 6 yd. s. d.	8 oz. 8 yd. s. d.	1 lb. s. d
WOOL :—							
Absorbent cotton, B.P.C.	1 0	1 7	2 1½	2 10	4 2	5 6	10 0
,, ,, Hospital	—	—	—	2 3½	—	4 5	8 8
LINTS :—							
Absorbent, B.P.C.	1 2	2 1	—	3 9½	—	7 5	14 8
Boric, B.P.C. .. .. Size No. 1	No. 2	No. 4	—	No. 8	—	No. 16	—
7d.	1 1½	2 1½	—	4 2	—	8 1	16 0
GAUZE :—							
Absorbent, B.P.C., 36 in. wide, ½ yd. 8d.	1 0	—	2 7	—	5 0	—	—

Cost d.	per	Item	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
46	lb.	Aether solvens ..	1 3	4	1
46	lb.	Aeth. meth. (tech.)	1 3	4	1
90	lb.	Caffein. cit. eff. ..	3 3	10	2
26	oz.	Calc. glycerophos.	—	3 9	7
60	lb.	Calcii lactas ..	2 2	8	1½
49	lb.	Chlorof. P1(8) ..	2 7	9	1½
59	lb.	Collod. flex. (meth)	1 9	6	1
35	lb.	Conspers. zinci ox. et amyli B.P.C.	1 4	5	1
83	4 oz.	Copaiba	—	3 0	5
93	lb.	Elix. æthylmorph. et terpin. P1(13)	3 11	1 1	2
127	oz.	Ext. ipecac. liq. ..	—	—	3 0
39	lb.	Glycerinum ..	1 9	6	1
84	lb.	Glyc. acid. tannic.	3 11	1 1	2
102	oz.	Ipecac. præp. ..	—	—	2 5
59	lb.	Methyl. salicylas. .	2 6	9	1½
198	gall.	Ol. arachis (16 fl. oz.) 2s. 6d.	9	0 2½	—
30	lb.	Ol. morrhuæ (16 fl. oz.) 3s. 8d.	1 1	4	—
27	lb.	Paraffin. molle alb. lb. 3s. 3d.	1 0	3½	—
23	lb.	Paraffin. molle flav. lb. 2s. 10d.	10	3	—

Cost d.	per	Item	4 oz. s. d.	1 oz. s. d.	1 dr. s. d
62	oz.	Phenobarb. ℞ only	—	—	1 6
126	lb.	Phenacetinum ..	4 6	1 3	[illegible]
60	lb.	Potassii bromid. . .	2 2	0 8	[illegible]
64	lb.	Potassii citras ..	2 4	8	[illegible]
28	pt.	Spt. chirurgicalis (16 fl. oz.) 2s. 10d.	10	3	—
69	½ gall.	Spt. methylatus 66 o. p. pint	2 4	4 oz.	[illegible]
120	gall.	Spt. methylatus indust. pint	2 0	4 oz.	[illegible]
60	lb.	Sodii bromid. ..	2 2	8	[illegible]
74	oz.	Tinct. aurantii ..	—	—	1 [illegible]
87	lb.	Tinct. ipecac. ..	3 2	11	[illegible]
144	lb.	Tinct. lobeliæ æther.	4 2	1 2	[illegible]
90	lb.	Tinct. rhei co. ..	3 2	11	[illegible]
63	lb.	Ung. encalypti ..	2 4	8	[illegible]
57	lb.	Ung. hydrarg. nitrat. dil. ..	2 0	7	[illegible]
48	lb.	Ung. methyl. salicyl. dil. ..	1 9	6	[illegible]
84	lb.	Ung. methyl. salicyl. ..	3 0	10	[illegible]

HARMACEUTICAL SOCIETY OF NORTHERN IRELAND

HE monthly meeting of the Council of e Pharmaceutical Society of Northern cland was held at 73 University Street, lfast, on May 18, the president (Mr. W. Gamble) in the chair. Also present ere Messrs. W. H. Boyd (vice-president), P. Crossin (treasurer), C. Abernethy, E. Campbell, H. J. Cousley, J.P., H. H. owzer, J.P., W. P. Ewart, H. F. Moore, McGregor, P. R. W. Shinner, Walter Tate, F. R. Moore, J.P., Dr. H. D. eazley and Professor J. Small, D.Sc. The cretary (Mr. W. Gorman) was in attendnce. Apologies for absence were received om Mr. J. Irwin and Professor E. B. C. ayrs, M.D.

The Ministry of Education wrote stating at they did not propose to offer trade holarships in pharmacy, as it was condered that pharmaceutical students could vail themselves of local education authities' schemes.

Mr. J. Kerr (nominated by the Assoates' Section of the Ulster Chemists' Asciation), was appointed to the Committee the Northern Ireland Chemists' Benevont Fund.

A letter was received from the Ulster hemists' Association regarding the issue licences for the retailing of methylated irits to persons other than pharmaceutial chemists, and it was decided that the atter should be left to the secretary.

THE PRESIDENT and SECRETARY reported a meeting they had had with Mr. P. oche (editor, "Retail Chemist") in Belst on May 3. Arising out of a letter om Morgan Brothers (Publishers), Ltd., discussion took place regarding the ouncil's policy of supplying THE CHEMST AND DRUGGIST to members of the ociety. Mr. W. H. Boyd asked why there vas such a delay between a Council meeting and the report of the proceedings apearing in the journal. In the past two onths, he said, there had been a delay f three weeks in each case and he felt hat by the time the reports appeared they vere of little value. MR. BOYD also stated hat the secretaries of various organisations n Northern Ireland had complained that he reports which they submitted were reatly curtailed by the editorial staff. Other members expressed the opinion that, n view of the large sum of money involved, hey were getting a poor return.

THE SECRETARY reported that he had eceived from the Registrar a copy of a new Poisons Order, S.R. & O. Northern Ireland, 1951, No. 41.

An inquiry for registration under a reciprocal agreement was received. It was decided to grant the application, subject to its being in order.

Certificates of apprenticeship were granted to Miss Stella Martha Johnston and Messrs. Francis Joseph Kelly, Daniel Leo Kelly, William Alphonsus Sharkey and George Ignatius McGee; also to Yvonne Johnston, Bangor; Leo Mary Lowry, Newry; John K. Clarke, Poyntzpass; Richard Coyle, Londonderry, and Robert L. McIlvenna, Portadown.

The Education Committee agreed to meet representatives of the Associates' Section of the Ulster Chemists' Association to hear their views and suggestions regarding proposed alterations in the education programme.

It was decided to hold the next meeting of the Council in Londonderry on June 14, and to invite members of the Londonderry Chemists' and Druggists' Society and their wives to be the guests of the Council during that afternoon.

THE PRESIDENT congratulated Professor Small on being awarded the Gold Medal of the Royal Society of Edinburgh for numerous papers which he has contributed on "Evolution." Professor Small said he greatly appreciated the congratulations of the Council on the honour given to his work.

ULSTER CHEMISTS' ASSOCIATION

AT the May meeting of the Executive Committee of the Ulster Chemists' Association, held recently, the president (Mr. C. A. Quinn) who presided, said that, together with the president of the Pharmaceutical Society of Northern Ireland (Mr. H. W. Gamble) he had attended the annual meeting of the North-east Ulster Chemists' Association at Coleraine.

A complaint was received from a member regarding statements which appeared in a Sunday newspaper and which were considered detrimental to the profession. The Committee considered that little notice was likely to have been taken of the statement by the public.

A claim from the Associaties' Section for increased wages was received and a tentative scale was drawn up for further

consideration. The claim is being presented to a meeting of the Joint Council. It was agreed that the name of the Association should be put forward for re-election to the Council of Management of the Ulster Tourist Development Association.

The following were elected to membership: Messrs. J. P. Fitzsimons, 158 York Street, Belfast; P. McGivern, 235 Donegall Avenue, Belfast; E. B. Williamson, 144 Manor Street, Belfast (successor to Mr. A. W. Beggs) and G. W. McCarroll, 44A William Street, Lurgan. New Associa as approved by the Associates' Commit were also admitted.

It was decided to request the Phar ceutical Society of Northern Ireland take up with the authorities the increas number of methylated spirit licences wh are being granted in provincial distri Permission was granted to the Associa Committee to place slogans on the U.C price slip to encourage membership of section.

NORTHERN IRELAND HEALTH SERVICES

A REDUCTION in the vote for pharmaceutical services from £1,590,000 to £1,440,000 was explained by the Minister of Health and Local Government (Dame Dehra Parker) in presenting her estimates in the Northern Ireland Parliament on May 24. She said that the cost of the services was considered to be too high, and she was trying to bring it down without in any way depriving anyone of proper and necessary treatment. She was glad to say that the measures had met with some success, as the number of prescriptions for March 1951 showed a reduction of 16 per cent. as compared with the corresponding month of 1950.

Doctors had been advised that they should not prescribe expensive proprietary preparations where standard drugs of equal worth were freely available. The public had also been reminded by notices in the Press and elsewhere that a doctor should not supply medicines or appliances because they had been demanded but would only prescribe what he considered to be necessary for the proper treatment of the patients in his care.

In these and other ways, said the Minister, they hoped to bring down the cost of prescribing, which was much higher in Northern Ireland than in Great Britain generally, though it was only fair to say that statistics showed the sickness rate amongst the insured population in Northern Ireland to be much higher than the rate for Great Britain as a whole. That had apparently long been the case.

Health Services Board

At a meeting of the Northern Ireland General Health Services Board held in Belfast recently it was decided that the Medical Adviser should consult with the Chief Medical Officer of the Ministry of Health and Local Government on the question of propaganda to the medi profession by manufacturers of propriet preparations. Pending the Medical viser's report, the Medical Advisory Co mittee has deferred further considerat of the question. The Medical Adv stated that much of the prescribing of p prietary preparations could be traced the advice of specialists. The matter been taken up with the Hospitals Au ority, but little improvement was appar

Indecipherable Prescriptions

THE PHARMACIST submitted prescripti which the staff had been unable to cipher, and the Committee, after an spection of the forms, directed that doctor concerned should be informed t in their opinion the prescriptions w illegible and therefore not efficient, a that their issue was a dangerous pract

It was reported that the Ministry approved a bonus scheme for drug pri for an experimental period starting April 1. This provides for payment to graded in three stages, 5s., 7s. 6d., a 10s. per week, and restricted to girls wh standard and output of work justifie certificate by the Pharmacist that they fully or particularly efficient at prici The payment need not necessarily be m per week or per month. The Finance a General Purposes Committee decided introduce the scheme for a trial period six months and to make payments wh applicable every three months.

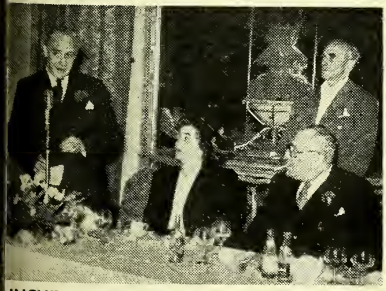
The Pharmacist was instructed to o to the Hospitals Authority a quantity insulin which had come into his possess and to take similar action in any fut case. The Executive Committee conside letters from a number of doctors who been asked to account for their over-p scribing. In certain cases it was deci to write in stronger terms.

YL BRANCH ANNUAL DINNER. The president, Rhyl Branch the Pharmaceutical Society (Mr. Gower M. James) (right), h his son and daughter-in-law (Dr. and Mrs. Ian James) at branch's annual dinner on May 1.

MACHINERY BY AIR. To meet urgent demands from overseas customers, Automatic Weighing & Packing Machine Co., Ltd., Birmingham, are now sending out many machines by air. Illustration shows case destined for Copenhagen and containing plant for automatic filling and capping of penicillin vials.

ROUP AT IRISH DINNER. Visitors from the west of Ireland photographed th Mr. R. A. Kidney (secretary, Irish Wholesale Drug Federation) at a cent annual dinner of the Federation held in Dublin. Seated: Mr. T. Barrett, llina; Mrs. Barrett; Mrs. Tully and Mr. A. V. Tully, Castlerea, co. Roscommon; nding: Mrs. Kidney; Mr. D. Glavey; Mrs. Glavey and Mr. Kidney.

NEWS IN PICTURES



UNCHEON TO LAUNCH NEW PRODUCTS. r. H. J. Fernley (chairman and managing rector, Jean Sorelle, Ltd., London) introcing three of the company's new products a luncheon held in London on May 9.

ASEPTIC SYRUP ROOM. R. Fry & Co., Ltd., Portslade, have opened an aseptic syrup room. The medical officers of health for Brighton and Hove (Drs. W. S. Parker and N. E. Chadwick) outside the room at its inauguration on May 1 with (right) the company's chief chemist.

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VOL. CLV JUNE 2, 1951 No. 3719

Slow Progress to Prompt Payment

DELAYS in final settlement of chemists' accounts under the National Health Service continue, and not unnaturally contractors continue to feel and express discontent. Their protests find support in other quarters, among them the Lancashire and Eastbourne Executive Councils, whose reports are referred to on p. 695, and it is hardly surprising, to those who remember what the pricing office of the Lancashire Insurance Committee was able to do under the 1912 Act, that the Executive Council for that county calls for a return to the local pricing system. The May issue of the "Executive Council" (the journal of the Society of Clerks of Executive Councils) draws attention to "A factor that appears to be generally overlooked today . . . the desirability of employing the same staff on the pricing of prescriptions from the same areas. Theoretically, one EC10 is very like another, but habits of prescribing vary widely between one part of the country and another, and . . . pricers become familiar with the habits of the individual doctors with whom they have to deal."

Under the system now in operation work has from time to time to be switched from one pricing office to another, and the inevitable result is a slowing down of work in the office to which the work is passed. It would only be human, too, for the staff to wonder why they should hurry over their own work only to have somebody's else's thrust upon them. If there is to be any such transfer, it should be on a permanent basis.

Failure by the Ministry, through its pricing bureaux, to grapple effectively with the problem, and growing unrest among chemists, have no doubt influenced the Ministry of Health to authorise a supplementary payment of 7½ per cent. on prescriptions dispensed between September 1950 and April 1951 (see p. 694). The practice of making supplementary payments, though helpful as a stop-gap, does nothing towards solving the long-term problem. In effect it throws more work (and therefore more expense) on Executive Councils by requiring extra calculations to be made for each contractor. On March 23, 1950, the then Minister of Health (Mr. Aneurin Bevan) said in Parliament that "a new procedure recently started should lead to better progress." When asked further if he would do everything possible to expedite payment in future he declared "We are doing all we can." The "all" of the former Minister has effected a slight improvement in some places but even there, at the new rate of progress, years will pass before the ideal of prompt settlement is achieved. For the whole of England and Wales the estimated amount due to chemist contractors to January 31 was £3½ millions.

Attack on Swollen Shoot Disease

BY far the most important crop of the Gold Coast is cocoa, and the expansion of the cocoa industry, in that West African Colony, from a small beginning during the latter half of the last century has been spectacular. In 1896 exports from the Colony were less than 40 tons; by 1924 they increased to over 220,000 tons, reaching the peak during 1934-37 of 287,000 tons. To the pharmaceutical industry and the drug trade the seeds (beans) of *Theobroma cacao* are the source of the alkaloid theobromine (and indirectly of caffeine) and of cocoa butter, the former, after fermentation and roasting, being obtained from the husk, while cocoa butter is a by-product obtained from the kernels ("nibs") by hot expression. However, by far the most important use is in the cocoa

and chocolate industry, and it is this that has caused the phenomenal increase in cocoa-growing in the Gold Coast and made cocoa the foundation of its economy.

The cocoa crop for many years was immune from serious pests or disease, through latterly damage caused by the cocoa capsids, *Sahlbergella singularis* and *Distantiella theobroma,* was severe, and efforts were made to control the pests. In 1936, however, a serious virus disease appeared which from the symptoms observed was called "swollen shoot disease." The rapid spread of the disease threatens the future existence of the industry. In 1950 steady progress had been made with an intensive survey of all cocoa areas in the search for the disease and, in spite of some local opposition from farmers, diseased trees were removed and destroyed. Progress has also been made recently in the control of the cocoa mealy-bug, *Pseudococcus njalensis,* which transmits the disease; and at the West African Cacao Research Institute, Tafo, a research team of a British company has proved during field experiments that the mealy-bug can be effectively controlled. In the most recent experiment on 500 trees a mortality was recorded of 99.95 per cent. of the insects. The chemical used is a new systemic insecticide developed for Gold Coast conditions and it has been given the name Hannane, after Doctor Hanna, entomologist and leader of the British research team. A novel feature is that the insecticide is applied to the ground at the foot of the tree from whence it is taken up by the feeder roots and circulates through the sap stream over the entire tree. The sucking mealy-bugs absorb the poison while feeding and are killed. It remains active for eight weeks and does not harm pollinating insects or predatory insects which feed on the mealy-bugs. The insecticide does not affect the virus in diseased trees.

Owing to its poisonous nature specially trained operators under medical supervision are required for the application of the chemical, and food crops near the treated trees must be removed. Verification that there is no contamination of the cocoa bean is necessary, in order to meet the exacting requirements of the Medical Research Council in Britain and of th Food and Drugs Administration in th U.S.A., and, further, in order to reassur manufacturers, to confirm that there is n lowering of quality of the beans. Radio tracer methods have shown that the insect cide is decomposed in the plant (and pa ticularly in the pods) so after harvestin and fermenting no traces are left in th cocoa beans. If further use of the insect cide is possible, it would seem that th control of swollen shoot disease in the Gol Coast will shortly be within reach.

Aureomycin and Chloramphenico under Prescription Control

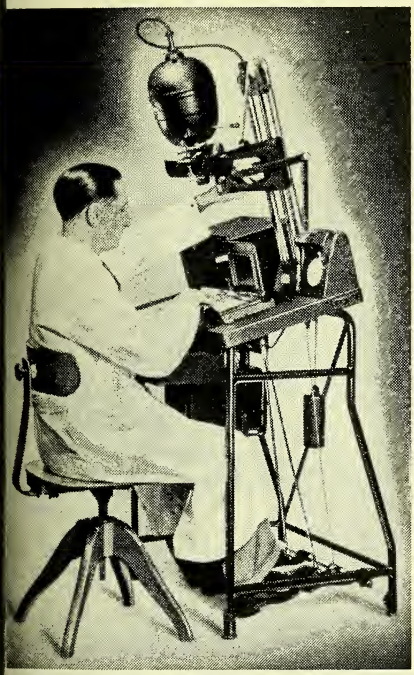
On June 1 (see p. 694) aureomycin ar chloramphenicol were brought within th scope of the Penicillin Act, 1947. No mally, therefore, as with penicillin ar streptomycin, pharmacists already will b empowered to dispense only once, and n more than three months after the pre cription was given, a prescription f aureomycin or chloramphenicol (or for preparation containing either of them The prescription may be dispensed a specified number of occasions or at spec fied intervals within a specified period a direction to that effect appears on th prescription. Since, for general prac tioners, aureomycin is at present availab only from distribution centres arranged the Ministry of Health, and for the trea ment of certain conditions, it is clear th the Regulations have been made in an cipation of the time when the use of aure mycin may be extended.

A PHARMACIST'S ANTHOLOGY

The young doctor gave a certain friend yours to understand that, if she chose be Mrs. Glauber, she was welcome ornament the surgery! I told his imp dence that the gilt pestle and mortar w quite ornament enough; as if I was bo indeed, to be a country surgeon's wi Mr. Glauber went home seriously inc posed at this rebuff, took a cool draught, and is now quite cured. . Marry, indeed, and with a coun apothecary!—*From "Vanity Fair," W. M. Thackeray.*

COLOGNE'S PHOTOKINO EXHIBITION

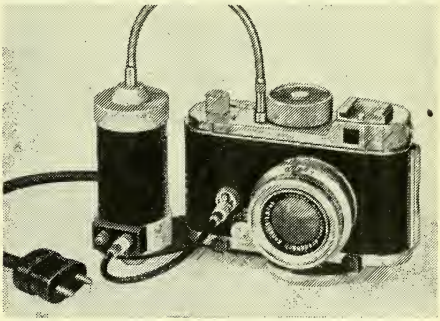
oth in the number of firms now engaged photographic manufacture and in the riety of the equipment being made there ample evidence of Germany's struggle to t back into world markets. The Photo-no exhibition, 1951, was held in Cologne buildings erected for similar purposes in 27. They did not appear to have suffered



itz Focomator automatic printer, with provision r printing Agfacolor.

great deal of war damage, and 340 ex-bitors set out their wares in 500,000 sq. of space, of which Agfa took about 4,850, with eighty salesmen and techni-ans. Leitz, the next largest exhibitor, had rather smaller stand. All exhibitors paid e same rate, irrespective of position, aking it obvious why foreign exhibitors d all been put in the gallery. Strong com-aints are understood to have been voiced that invidious treatment. In a separate ll an international exhibition of photo-aphs was also being held, with contribu-ons from the Royal Photographic Society, d other bodies.

Leitz were showing their Summarit (5 cm. f/1.5), Summarex (8.5 cm. f/1.5), and Summaron (3.5 cm. f/3.5) lenses. The Hektor f/6.3 (2.8 cm.), a wide angle lens, is understood to have been introduced this year. Also new is a reflex focuser for lenses over 13.5 cm. focal length, fitted with a double antinous release for operating reflex mirror as well as camera shutter. The new Leicavit rapid winder, shown for the first time at last year's Fair, and fitted to the C and F model Leica cameras, has a two position catch to enable the winder to be used in single shots per



Robot camera with electric release.

movement or in sequence, when the winder also serves as shutter release. An automatic enlarger known as the Focomator has foot- and finger-tip controls for paper handling, electronically controlled timer, voltage stabiliser for enlarging lamp, automatically indicated scale of enlargement, and new filter drawer for making colour prints from Agfacolor negatives. Foot and hand co-ordination gives the Focomator a high rate of output—understood to be 6/8,000 postcard enlargements per hour.

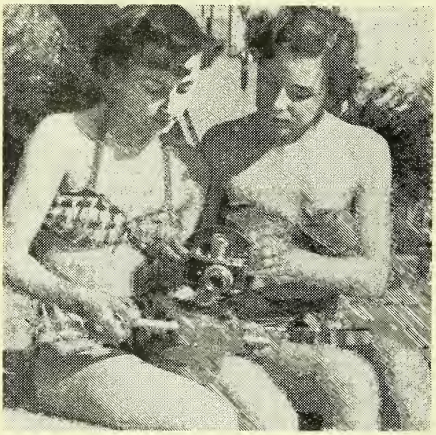
Sensation of the Show

Available for closer inspection in the cine section was the sensation of the show: the Leitz 16-mm. projector with sprocket intermittent. That this pioneer firm should embark on the 16-mm. field at this late stage of its development is surprising. It may well mark the beginning of a swing over from claw-type intermittents.

By the middle of the summer there should be no European country without some facility for making colour prints by the Agfacolor method. The Leverkusen factory, near Cologne, which used to make little else but Agfa papers, is now turning

out negative materials. The scope is limited (35-mm. cassettes in Isopan F and ISS grades only). Most surfaces and types of papers are available.

Zeiss Ikon have added several new cameras. The Nettar 11 is available with Mess-Ikonta lens in two sizes ($2\frac{1}{4}$ in. sq. and $2\frac{1}{4}$ in. by $3\frac{1}{4}$ in.), the Nettars Vario with Pronto and Pronto shutters and Novar f/4.5 and f/6.3 lenses. The Pronto S is



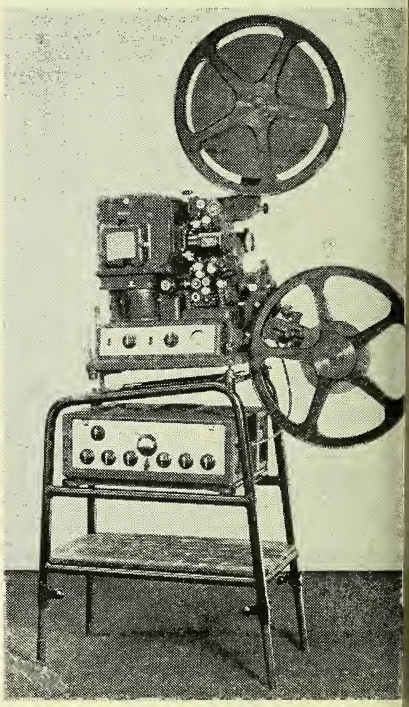
Robot underwater camera and demonstrators.

apparently fully synchronised. The Mess-Ikonta has a coupled rangefinder. According to size of picture the baseboard hinges down from the side or one end. The Mess models have Pronto S or Synchro-Compur shutters and Novar f/3.5, f/4.5 or Tessar f/3.5 lenses.

From Voigtländer the Vitessa is believed the only really new camera. It is a workmanlike instrument for 35-mm. film with simple plunger wind and plunger release. The rangefinder and viewfinder are coupled, the second being compensated for parallax. The Prominent, also a 35-mm. miniature, has a new range of lenses, the wide angle Ultragon 24 mm. f/5.8 being, if my memory is correct, 3 in. or more across. It had to be, for the angle of view is given as 95 degrees! A mirror reflex attachment is used for focusing. The Teleomar f/5.5 of 10 cm. focal length; another of the same type and maximum aperture will be available in 15 cm. form later.

Interchanging Lenses

In the Linhof Technica camera, $3\frac{1}{4}$ x $2\frac{1}{4}$ in., coupled rangefinder and viewfinder are associated with interchangi lenses. Automatic compensation is p vided for the difference in thickness tween film and plate. Automatic acti extends even to loading. The other L hof camera shown—the Kardan—c sists primarily of a length of substan tubing, slotted to prevent the end atta ments from rotating unintentionally a engraved for reference all the way alo The lens panel and the camera back attached to the tube by large ball a socket devices. The result is a techni



Leitz intermittent sprocket 16 mm. projecto

camera of extreme flexibility and rigi yet instantly adjustable. The finish, ag is excellent—in grey, polished alloy red engraving.

The Robot camera, first of the 1 in. miniatures, has been increased in sc by a new range of accessories (an elec release for both distance and micro-f ing; and a new quick-release device permits the camera to be set up for ac ate alignment and taken away again reloading in a matter of seconds.) A

erwater Robot accessory takes the n of a glass-fronted chamber with con- brought out to large knobs on the ide, where they are easily handled in e of wet and pressure difficulties. One nious feature of the design is the ner in which circular apertures have n used.

he Exakta V—the Varex—has a back pletely removable at the hinge; the ette system takes two cassettes (to save inding). The eye-level prism is inter- ngeable with the normal reflex screen nd with a new series of graticule plates special scientific purposes. The Exa, heaper version, uses the same lenses, level prism and/or reflex screen and essories. The body has lever setting for eds (in a much reduced range) and b winding. Both cameras are being manufactured for dollar exports only.

The newly introduced Ucaflex eye-level reflex has an eye-level prism but focuses only the central position of the picture; pressure on the release button swings the reflex mirror and viewing prism out of the way and allows a clear view of the scene through a direct viewfinder. The advantage is that the view is seen with full clarity, unobscured by stopping down; the disadvantage is that parallax error is introduced. The diaphragm of the lens normally supplied with the camera can be set at eye-level by click stops. Other lenses can be used interchangeably.

Almost all manufacturers reported difficulties with raw materials, but let no one be deceived. The raw materials for precision instruments bulk small, but the end products are large in export value.

OVERSEAS PHARMACY LAW

By Charles Stevens, LL.B., M.P.S., Barrister-at-Law

4.—France

NCH pharmaceutical law embraces ry part of the practice of the profession, exemplified in the *Manuel Pratique de islation Pharmaceutique* (the legal hand- k of French pharmacy) which includes practice of pharmacy; sundries and licines whose sale is forbidden or sub- to special rules; administrative organ- ion of the profession; poisons; publi- ; unprofessional conduct; and speciali- . A distinctive feature of French phar- ceutical law is the control of speciali- . A speciality is defined in law as ny medicament, ready prepared, with edicinal dose, presented in a particular y and sold in more than one pharmacy." strums and own name lines are, there- e, uncontrolled but all proprietary pre- ations, in the widest sense, sold by phar- cists are controlled. A visa is granted the first person to file papers on a new g or special mixture, giving details of manufacture, control, clinical trials, rapeutic indications and other informa- n. There is no proviso to protect a t inventor and product piracy could in ory take place. If the examining tech- al committee grants a visa the grantee n has sole rights for six years to sell t product under a brand name and to ertise freely. A visa can be granted improvements or for new clinical uses in the latter case advertising would limited to those new uses. The aim is limit the number of imitative speciali- , but the system tends to foster monopolies and defeat its own ends which is or should be the public benefit. A system of legal hearings and appeals for cases where pharmacists are aggrieved by decisions on visa applications is laid down.

A *produit sous-cachet* distinction can be granted to products for which a visa cannot be obtained because one has already been granted to another person. Its advantages are much less than a visa. A *produit sous-cachet* must be sold under its scientific or common name and no trade mark is allowed. In advertising it is only permissible to mention the name and composition of the product, the manufacturing pharmacist, his degrees, university address.

A third form of speciality control is the provision of an anteriority—a preliminary protection on the lines of a provisional patent. When a laboratory is working on a new drug or formulation it is probably intended that, if successful, application will be made later for a visa. It is possible to file on the register of the *Service Centrale de la Pharmacie* four samples of the product, its proposed name, and the formula. Protection is given for six months and the applicant must submit the fuller details for a visa before expiry of that period. If he fails to do that his application is struck out and the field is open for anyone else to apply for a visa for a similar product. The controls over specialities are applied equally to imported and domestic pharmaceutical products, except that, in the granting of visas, the fact that clinical trials were carried out in France carries weight.

BRANCH REPRESENTATIVES' MEETING

(*Concluded from* THE CHEMIST AND DRUGGIST, *May* 26, *p.* 685)

Aberdeen's motion that the Council should refer all matters pertaining to Scotland for a recommendation before reaching a decision upon them was moved with bonhomie and humour by MR. W. T. ELDER, who said its object was to promote closer co-operation between Scotland and England and Wales. MR. A. OFFICER, Glasgow, seconded.

The resolution, however, was lost when MR. T. REID (a member of the Organisation Committee) voiced the Council's opposition because, if the resolution were adopted, confidential matters coming before the Law or the Benevolent Fund Committees would have to be divulged. Scotland had at every Council meeting, he pointed out, the presence of the resident secretary of the Scottish Department, while two members of the Council were also members of the Scottish Executive.

" Say " in Hospital Management

MR. S. A. GAMLEN moved Tees-side Branch's resolution pressing for pharmaceutical representation on hospital management committees. In many hospitals, he said, it was not possible to receive proper pharmaceutical service. While the Minister had provided that all pharmaceutical services should be provided by pharmacists, that policy might take time to implement. Meanwhile, the presence of a pharmacist on the hospital management committee would secure the hope of a progressive pharmaceutical service. When the resolution had been seconded, an amendment making the pressure contingent on prior consultation with the Guild of Public Pharmacists was moved by MR. H. WILLIAMS, Reading, who said that 20 per cent. of the members of his branch were hospital pharmacists, and not one was in favour of the principle of the motion. Some thought that the presence on the committee of a retail pharmacist would make the position worse than at present.

MR. W. J. TRISTRAM, for the Council, said that Mr. Gamlen had made out a good case which the Council would do its best to implement, though a good deal could be done locally. MR. W. S. BENJAMIN reinforced the view that local pressure was necessary. A good case could be made for the presence of hospital pharmacists on management committees. With this argument MR. C. H. P. ROBINSON, Mansfield, was in sympathy, but point out that the Ministry of Health was h tile. The amendment was lost and t motion carried.

MR. E. E. LOCKER, Reading, propos his Branch's resolution, as amended, require every pharmacist to spend a ye in the pharmaceutical department of a h pital. There was a shortage of labour hospital departments, due in part to adequate remuneration. Not only wou implementation of the proposal give va able experience to all newly-qualified ph macists, but it would relieve the staff sho age and tend to prevent unqualified h pital technicians from taking over wo that ought to be done by pharmacists. T motion was seconded by MR. S. G. BU Reading, who said that such a cou would improve the pharmacists' prof sional status. Thus training would proximate to that of the medical p fession.

MR. W. J. TRISTRAM said that memb of the Council were opposed to any p manent direction of labour for pharm cists. The solution of inadequate hospi staffing was to offer adequate salaries. T motion was lost.

A motion in the name of Woki Branch to put the pharmaceutical serv in every hospital under the statutory c trol of a pharmacist was put by MR. W. BENJAMIN, seconded by MR. B. A. W LIAMS, and carried *nem. con.*

Free Service for Pharmacists

MR. P. G. FLOOD, South-east Metrop tan, proposed the free issue to all ph macists on request of the " Index of N Products " service of the Society's jour This was seconded by MR. W. H. GRE but opposed by the Publications Commit of the Council whose chairman (DR. B. YOUNG) thanked Mr. Flood for the p licity he had given to the service, said that unfortunately the Society co not afford to carry out the suggestion.

MR. W. T. ELDER's eloquence in p posing Aberdeen Branch proposals for proving the Society's Journal carried day against an amendment to publish minutes of meetings of the Council, the meeting closed with a vote of tha to the chairman proposed by MR. JACKSON, Leeds, and seconded by M J. P. MURPHY, Liverpool.

MEMBERS APPROVE REVISION PROPOSALS

(*Concluded from* THE CHEMIST AND DRUGGIST, *May* 26, *p.* 686)

gistered Post for Demand Notices

THE VICE-PRESIDENT next turned to e proposed by-laws. MR. WHITAKER pro-sed that section II, 1, which referred the sending of a demand for payment a member's retention fee, should be ended to provide for sending by gistered instead of "pre-paid" post so to give proof of delivery and ensure at the interests of both the Society and embers would be safeguarded. The endment was carried. MR. MATTHEWS ferred to Section III, 3 [that granting of Fellowship to members who have made ntribution to pharmaceutical knowledge], d proposed an addition to provide for e exclusion of scientific research that had ready been the subject of an award by other body. MR. N. FRANCIS, Ports-outh, seconded, but MR. WILSON urged at the suggestion should not be adopted. pharmacist who won a Nobel prize ould, he pointed out, be deemed under e amended wording unworthy of the ciety's Fellowship. MR. H. GRAINGER clared that the vice-president's reference the Nobel prize was not so impressive it might seem, since any pharmacist of e calibre to win such a distinction would ve little difficulty in producing some her piece of work for a Fellowship. ere was, he said, a danger that univer-y graduates in pharmacy would be auto-atically granted the Fellowship. MR. ILSON said that there was nothing in the use to that effect. MR. WILKINSON, ondon, pointed out that Manchester niversity recognised the Ph.C. diploma d permitted its holders to proceed direct M.Sc. or Ph.D. He proposed that the -law should be amended to allow gradu-es of any universities that reciprocated th the Society in that way to receive e Fellowship. Both amendments were rried.

MR. S. DURHAM, Sheffield, proposed that norary Fellowship should be granted to ientific workers who had rendered signi-ant service to pharmacy. After discus-on the original by-law was accepted.

MR. S. POWLSON, Beckenham, said that by-law 5 of the same section names of rsons suggested as honorary Fellows or embers were to be exhibited in the ciety's library. He asked why their mes could not be printed in the "Phar-aceutical Journal." MR. F. W. ADAMS said that the "Pharmaceutical Journal" circulated among people other than mem-bers of the Society and publication therein might cause complications.

Section VI, 2 [providing for the Coun-cil's annual report and financial statement to be published in the "Pharmaceutical Journal" not less than ten days before the annual meeting] was questioned by MR. L. BELL, Sheffield, who proposed that the period should be extended to forty days. MR. C. W. HOBSON, Sheffield, seconded. MR. DURKIN suggested that twenty-eight days would be sufficient. The meeting agreed to leave the matter to the discretion of the Council.

MR. M. JACKSON, Leeds, proposed that all meetings of the Society should be sum-moned by a notice in the "Pharmaceutical Journal" and (not or) by a posted notice to each member. After discussion the origi-nal by-law was accepted.

Casual Vacancies on the Council

By-law 2 of Section VIII, which pro-vides for the Council to appoint a member of the Society to fill a casual vacancy on the Council, was called in question by MR. W. G. HUTCHESON, Southampton, who pro-posed an addition to ensure that the mem-ber thus appointed should be the holder of the highest number of votes among the Council candidates not returned at the pre-vious election. MR. ADAMS said that the amendment would deprive the Council of its right to co-opt members on to the Council. The amendment was lost.

MR. J. E. RICHARDSON, Sheffield, moved to add to paragraph 2 of the resolution the words "except when the retiring or deceased member of the Council has two years or more to serve before seeking re-election, when the vacancy shall be filled by election by the members of the Society in accordance with the previous by-laws."

MR. T. A. DURKIN, supported the pro-posal. The Council had made a good job of co-opting to fill vacancies, but the time limit should be what he might call the "fiscal year."

That amendment also was lost and the Section as a whole was approved.

When Section IX (election of officers) came up for discussion MR. G. H. SHEARD, Dartford, moved an amendment designed to secure that only pharmacists became officers of the Society. MR. H. W. TOMSKI,

Harrow, seconded. He was convinced that the president should be a pharmacist, but he understood that the Privy Council had rights under the 1933 Act, and would be glad to know whether members had any power to direct the Council on the lines of the amendment.

THE REGISTRAR (Mr. F. W. Adams) said there was no technical or legal objection to the words suggested. The Council's view, however, was that it was lacking in respect to the Privy Council members to discriminate against them. It would also interfere with the discretion of the Council in a matter upon which they felt keenly.

At this point a motion was put to adjourn the meeting but the REGISTRAR said there was doubt about the meeting's power to adjourn, and he was afraid it would have to continue. The chairman appeared to consider that the Council's viewpoint on the matters raised by Mr. Sheard was accepted, and passed to the next section.

A motion to approve the remaining sections *en bloc* was put and lost.

Section IX was approved. On Secti X, MR. S. DURHAM, Sheffield, moved delete pars. 5 and 7, rather than p petuate the dual secretaryship of t Society. The better course would be, said, to redefine the separate duties of t two present secretaries. THE CHAIRM pointed out that it was open to the Cou cil to appoint as many secretaries as wished, and the amendment was not p

On Section XII, MR. C. W. HOBS Sheffield, spoke in favour of a territor basis for Council elections, but THE REG TRAR said that any such proposal was c trary to statute.

Asterisks Disappear

MR. H. WILLIAMS, Reading, moved t no asterisks should be placed by the s of names of retiring Council members voting papers. Although MR. ADAMS s that the Council "thought they serve useful function" (laughter), the ame ment was carried by an overwhelming v

The two schedules were approved a the meeting ended at 10.20 p.m.

CORRESPONDENCE

Locums in West Kent

SIR,—In its desire to be of use to its members the West Kent Branch of the National Pharmaceutical Union intends to compile a list of locum pharmacists available for normal holiday and/or emergency sickness relief duties. We should also like to hear from retired or semi-retired pharmacists, resident in or near this area, who would consider half- or full-day locum duty. Will those pharmacists who are interested please communicate with the undersigned giving particulars?

E. NEAL, *Secretary.*

254 Croydon Road, Beckenham, Kent.

Apathy Well Represented?

SIR,—The apathy of members in pharmaceutical politics is a commonplace. In the "nomination of Candidates for election to the Executive of the Scottish Department, 1951-52" form recently to hand, the list of those retiring, as well as the Executive attendances for the past year, make interesting reading, and call for caustic comment. Out of a possible eighty-seven total attendances an actual sixty-two fall to be recorded. Of twenty members only seven could compass the maximum. While four members attended half the meetings, one just "put in an appearance"! Of the six retiring members (it is not at pres known, at least, to the electors, if they allow their names to go forward), o two attained the maximum. If 75 per ce of our members do not vote because complete indifference, then at least 75 cent. of the Executive may well claim represent that majority.

Motherwell. ANDREW JOHNSTON

Recognition of the Unqualified

SIR,—As a dispenser with twenty- years' first-class experience, I was disgus to read Mr. J. M. Dowty's prejudicial marks concerning the recognition of qualified persons by opposing "any d tion of the profession by any form modified examination" (*C. & D.*, May p. 582). May I, through your column, Mr. Dowty two questions: (a) Would consider it a dilution or modificatior those of us with twenty-odd years' exp ence were allowed to take now the st dard examination of 1908 under sim conditions of that year? (b) Would he competent now to pass the 1951 Qual ing examination? As one of three s of a poorly paid Methodist parson I necessarily denied the financial, not academic essentials, for qualifying. please "live and let live," Mr. Dowty.

London, W.2. WILLIAM S. SOLOMON

ROYAL SOCIETY'S CONVERSAZIONE

o films and thirty exhibits shown at a versazione arranged by the Royal Soc- in London on May 24 illustrated nt developments in various fields of ntific endeavour. On the following day were seen by 250 science scholars.

servation of Red Blood Cells

'he first film, "Freezing and Thawing of ng Cells," illustrated work done at the ional Institute for Medical Research, don, on the preservation of living cells temperatures at which biochemical nges are arrested. The film showed the lual slowing and final death at − 79°C. permatozoa mounted in water, and the st but recovery on restoration to nor- temperature of spermatozoa in a lium of glycerin. The preservation of by this means may make advances ible in agriculture and medicine. ady live chicks have been produced n eggs fertilised by spermatozoa kept many weeks at − 79°C. or − 190°C., the possibility of storing spermatozoa retaining their fertilising power for an finite time would facilitate the wider of artificial insemination in breeding le and poultry. In the medical field, work appears to offer a means of pre- ing human red blood cells in bulk at temperatures, and may therefore be of e in blood transfusion. The work is g extended to the storage of endocrine other tissues for therapeutic and bio- cal purposes.

'he second film, entitled "Medical ects of Venomous Snakes," was pro- ed by the Wellcome Film Unit (The lcome Foundation, Ltd.) in order to vide for medical students a record of different types of snakes, their size shape, markings and other distinguish- features. The characteristics of differ- venoms and the principles of treat- t are dealt with in the second part of film.

ne of the most topical of the staged bits illustrated "The Botany and mistry of *Strophanthus* Species," and uded material collected by Dr. R. K. ow, Mr. R. D. Meikle, and Dr. D. A. Taylor (Medical Research Council licinal Plants Survey, Nigeria, 1949- who were present at the stand. The ibit included photographs of general botanical interest taken during the edition, a selection of herbarium specimens of *Strophanthus* species, and specimens of the compounds extracted from the seeds of *Strophanthus sarmentosus* (the species that offered the greatest promise of providing a precursor (sarmentogenin) of cortisone that may, after chemical treatments, yield cortisone.

An automatic apparatus for pharmacological assay brought from University College, London, was designed to make certain types of bioassay more accurate and less laborious and, by mechanising the operations involved, to reduce variability of measurement. In the demonstration the bioassay performed was of histamine. Solutions containing less than one part in 100 millions were tested on a piece of guinea-pig intestine, and the amount of shortening recorded on a smoked drum and compared with that produced by a standard solution of the drug.

Mined Potassium Salts

Examples of potassium salts discovered in north-east Yorkshire by Imperial Chemical Industries, Ltd., and Fisons, Ltd., were shown at another stand. Each was in the form of a cylinder of mineral raised by the apparatus for boring, minus a solid segment that had been removed for analysis. One or two of the examples exhibited represented approximately 90 per cent. potassium chloride. The extraction method to be adopted has yet to be decided, and some years must elapse before commercial production commences.

An exhibit by the National Institute for Medical Research, under the title "Liquid-gas Partition Chromatography" showed the extension of the technique of chromatography to the microanalysis of volatile substances. The method requires only 1/1,000 to 1/10,000 of the amount of material needed for separation by distillation and should therefore be of great value in biochemistry, where often only microscopic quantities of substances are available. In the adaptation of chromatography shown, a gas is passed down the column, carrying the substances to be separated as vapours. The more volatile the substance, the higher the proportion of vapour. The substance from the column was titrated after absorption into water.

An exhibit entitled "Ion-exchange Resins" illustrated the ability of resins of different porosity to act as "ionic sieves."

GUIDE TO NEW MEDICAMENTS

Information about new proprietary medicaments to be supplied principally on presc tions. Editorial recommendation is not implied. Reprints obtainable on applicati

UNIPRIN

MANUFACTURER: Clinical Products, Ltd., 2 The Green, Richmond, Surrey.

DESCRIPTION: Tablets each containing: Acetylsalicylic acid, gr. 5; calcium carbon gr. 1½; citric acid, gr. ½; flavoured excipient q.s. On adding to water the tab effervesce, and nascent calcium acetylsalicylate is produced.

INDICATIONS: Analgesia, etc. HOW SUPPLIED: In tubes containing forty tablets, dispensing packs of 100, 250, 500 and 1,000.

OSSIVITE (Capsules and Granules)

MANUFACTURER: John Wyeth & Bro., Ltd., Clifton House, Euston Road, London, N.W

DESCRIPTION: Capsules containing bone meal, 214 mgm.; vitamin A, 2,500 units, calciferol 500 units. Flavoured granules each 4 gm. containing bone meal, 1.38 calciferol, 2,000 international units.

INDICATIONS: Need for supplementary vitamins and trace elements during pregnancy,

DOSAGE: Two capsules twice daily after meals, or 4 gm. of granules daily.

HOW SUPPLIED: Capsules: In packages containing sixty. Granules: In jars of 75

METAGEN CAPSULES

MANUFACTURER: Parke, Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION AND FORMULA: Capsules containing dicalcium phosphate, 600 mgm.; rous sulphate, exsiccated, 30 mgm.; aneurine hydrochloride, 2 mgm.; riboflav 1 mgm.; vitamin D, 400 international units.

INDICATIONS: Pregnancy, lactation, adolescence, convalescence and malnutrition.

DOSAGE: Average one or two capsules daily; in pregnancy three or four daily.

HOW SUPPLIED: In bottles containing fifty and 250 capsules.

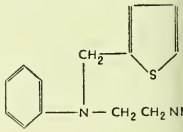
DIATRIN

MANUFACTURER: William R. Warner & Co., Ltd., Power Road, London, W.4.

DESCRIPTION: N,N-dimethyl-N′-phenyl-N′-(2-thienylmethyl) ethylenediamine m hydrochloride. INDICATIONS: Antihistaminic therapy.

DOSAGE: Adults average 50 mgm. orally four times daily preferably after meals and at bed time, progressively reduced to 100 mgm. in divided doses daily.

HOW SUPPLIED: In bottles of twenty and 250 sugar-coated tablets each containing 50 mgm.



Diatrin

LYSIVANE

MANUFACTURERS: Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Esse

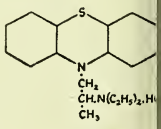
DESCRIPTION: Ethopropazine hydrochloride N-(2-diethylamino-n-propyl) phenthiazine hydrochloride.

INDICATIONS: Palliative treatment of Parkinson's syndrome.

DOSAGE: Initially 50 to 150 mgm. daily. Optimal dose may reach 500 mgm. daily after two to three weeks.

HOW SUPPLIED: In containers of fifty and 500 sugar-coated tablets containing 50 mgm.

NOTES: The preparation should be administered with caution.



Lysivane

)SPITAL PHARMACY AND THE HEALTH SERVICE

)INT meeting of the North Western ict Branches of the Guild of Public macists was held at the Manchester il Infirmary recently, when an ess was given by Dr. H. Davis (Chief macist, Ministry of Health) on me Technical Aspects of the Pharma- cal Service."

. Davis commented on some of the anding features of his eighteen years ief pharmacist at University College ital, London, stressing the growth of nteral therapy and its influence on ital pharmacy. He suggested that ital pharmacists should place the nasis on the "pharmacist" part of title rather than on "hospital." He gly deprecated, he said, any hospital macists who looked upon themselves superior form of pharmaceutical life. ie National Health Service could pro- a more comprehensive picture of maceutical practice than had been able before. There was magnificent stical material for the contemporary ry of the profession. Quoting figures the prescribing of mixtures, tablets, rietaries, etc., he asked whether the macist with his modern academic ing was necessary for much of the ne dispensing. The bottle of medicine t was as strong as ever; the greatest of psychological medicine was to wean patient from his bottle.

rietaries v. Dispensing

iere was much controversy about the ive merits of extemporaneous prepara- and proprietaries. The so-called al proprietaries fell into two groups: ucts of the researchers and those of formulators. The first group represen- the life-blood of the British pharma- cal industry, and the second group a e of revenue for their producers. In r to compete successfully with pro- ary prescribing, professional pharmacy produce comparable products in racy of compounding, elegance of pre- tion and appealing nomenclature. first was simple, the second attain- but the third most difficult. It was rom easy to get any scientific body to pt a form of nomenclature which r completely disguised the constitu- or included a therapeutic indication. . Davis said that his department had ved many letters from general practitioners complaining that patients left hospitals with proprietaries and then the doctors were asked to continue those treatments. The hospital pharmacist could often exert considerable influence on the prescribers but much depended on the personality and qualities of the individual hospital pharmacist and his relationship to the senior medical staff. Dr. Davis referred to the success of pharmaceutical subcommittees in hospitals that had been set up. All hospital pharmacists should make a point of studying the report of the Cohen Committee. Dr. Davis then discussed the work of the drug-testing scheme and the recently published statistics on the accuracy of dispensing under normal working conditions (see *C. & D.*, March 10, pp. 300-03), and described pharmaceutical practice in Holland with special reference to The Hague.

Visits were afterwards made to the pharmaceutical departments of the Manchester Royal Infirmary, St. Mary's Hospital, and the Royal Eye Hospital, Manchester.

ADVICE ON WRITING PRESCRIPTIONS

THE Administrative Medical Officer of the Northern Ireland Hospitals Authority has sent a circular letter to the chairman or secretary to the Medical Staff Committee of each Hospital Management Committee in Northern Ireland urging the need for care in writing prescriptions. The Authority is anxious to ensure that the recommendations on symbols and abbreviations set out on page 16 of the National Formulary, 1949, are brought into universal use. These recommendations are:—

1. The hieroglyphics for fl. oz. and fl. drachm should no longer be used.
2. Solids should be prescribed in grains (abbreviation "gr.") or in ounces (abbreviation "oz.").
3. Liquids should be prescribed in minims (abbreviation "m.") or in fluid ounces (abbreviation "fl. oz.").
4. The use of Roman numerals should be discontinued.
5. To avoid the possibility of confusion between gram and grain the symbol "G" should be used as the abbreviation for gram.
6. The cubic centimetre (c.c.) should not be used as a result of volume and should be replaced by millilitre (abbreviation "ml.").

The secretary of the Authority has also sent a circular letter to the secretary of each Hospital Management Committee calling attention to the provisions of the Dangerous Drugs Acts and Regulations so far as hospitals are concerned.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale que ties of standard quality. Prices of crude drugs and essential oils vary as to brand or gr

London, May 30

THE market for PHARMACEUTICAL and FINE CHEMICALS continues firm and there are indications that the upward movement of chemical prices will go on. PHENOL is to be dearer in a month's time—the basic price in drums will be 1s. 6d. against 1s. 1d. per lb. at present. One supplier has advised that on July 2 BORAX and BORIC ACID are to advance in price; the former is to be increased by £2 10s. and boric acid by £3 per ton, the rises are necessitated by increases in ocean freight and other costs. New higher rates for the home trade have been announced for IODINE PREPARATIONS following an increase in the cost of raw material. RESUBLIMED IODINE in 1-cwt. lots is now 20s. 10d. compared with 18s. per lb. previously.

The market for CRUDE DRUGS has been dull with business confined to small lots. Prices of Cape ALOES are still declining though a reduction in the supply of Curaçao aloes available has been followed by higher prices. Sellers of old-crop Portuguese ERGOT are quoting prices in the region of 62s. 6d. per lb., c.i.f. for June shipment, but speculators are taking the view that a favourable ergot crop is probable and are quoting much lower prices; buyers, however, are reserved. Little interest is being shown in CASCARA SAGRADA and other American drugs and the uncertainty caused by a suggestion of the Economic Commission for Europe, that sterling and other currencies should be revalued in terms of dollars, may be a contributory factor. IPECACUANHA is receiving a good inquiry but supplies are still difficult. A steady demand for medium grades of Chinese RHUBARB has rather depleted the market of these qualities though better grades are still in reasonable supply. GUM ACACIA is firm and scarce.

The ESSENTIAL OILS market has been quiet. Firmness is shown in Chinese star ANISE and in West Indian LIME. On the other hand, Ceylon CITRONELLA is easier though prices are still above buyers' ideas.

U.S. Drug and Chemical Report

New York, May 25

IN spite of the arrival of new crops, domestic CRUDE DRUGS are not showing the usual signs of weakening owing to the fact that the late season has depleted dealers' stocks. New-crop PODOPHYLLUM root is offered from the country at 50 cents per lb. for June-July shipment, a considerably higher price than was expected. CASCARA SAGRADA bark has strengthened since the announcement of new peel prices, and several other items are expected to become more expensive. Importers of bot-anical drugs are waiting for the Offic Price Stabilisation to issue its import l orders, and trade meanwhile is repo to be quieter than it has been for s years. BALSAM TOLU has risen shar and black PSYLLIUM SEED has incre by 4 cents to 26 cents per lb. A s what better export demand for MENT is reported, and higher prices have sulted; Brazilian is now $11.75 pe against $11.25 previously. As regard placements of ESSENTIAL OILS the i of price restrictions will make it fi cially unfeasible to import certain it it is thought. Much hope is placed in year's domestic crops from which esse oils are produced, particularly since quality of oil proved highly disappoi in some areas last year. A difficult problem exists in French FLORAL OILS in the instance of YLANG YLANG, shi prices have more than doubled in the few months. The supply situation in RUS OILS is also difficult.

Pharmaceutical Chemicals

CHLOROFORM.—1-cwt. lots in winche are 3s. 3½d. per lb.; 56-lb., 3s. 4d. drums, prices are 3s. 2d. and 3s. 2½d.

CREAM OF TARTAR.—Current rates cwt.) for the home trade are as follow 10-cwt. lots, 232s.: 5-9 cwt., 233s.; cwt., 234s.: 1-cwt., 235s.; delivered.

DEXTROSE. — Rates for MONOHYD B.P. (quantities under 5-cwt.) are: packets, 22s. 6d. per doz.; 7-lb. 13s. 3d. each; 14-lb. tins, 25s.; 28-lb. 47s.; less 12½ per cent. to wholesa delivered. In quantities of 5-cwt. over, 7-lb. tins are 1s.; 14-lb. tins, 1s. and 2s. less than above prices. A DROUS, B.P. (quantities under 5- prices as follows:—7-lb. tins, 13s. 14-lb. tins, 26s.; and 28-lb. tins, less 12½ per cent. to wholesalers; deliv Reductions for quantities of 5-cwt. over are the same as for monohydrat

GLUCOSE.—Prices (per cwt.) for l glucose sold by manufacturers (or dis tors) to consumers in original conta are as follows:—In tanks (2 tons or 72s. 6d.; in 3-cwt. barrels or 74s. 4½d.; in 5 to 6-cwt. drums, 73s. in 1-cwt. drums or pails, 74s. 1½d.; i lb. tins, 76s. 6d.; in 28-lb. tins, 78s. in tins or jars of 14-lb. capacity or 80s. Higher prices up to 99s. 6d. cwt. are charged where the buyer rec the breaking down of an original tainer of 3-cwt. or more capacity.

HEXAMINE. — Current quotations makers are from 1s. 8d. to 1s. 11d lb., as to quantity and pack.

ODINE PREPARATIONS. — Higher prices e into operation on May 21. New s (per lb.) are as follows:—RESUB-ED IODINE, 1 cwt., 20s. 10d.; 28 lb., 4d.; 7 lb., 25s. 2d. IODOFORM POWDER, wt., 24s. 9d.; 28 lb., 25s. 3d.; 7 lb., 8d. (CRYSTAL, 2s. 8d. per lb. more). ASSIUM IODIDE, 1 cwt., 17s. 11d.; 28-18s. 5d.; 7 lb., 21s. 10d. SODIUM DE, 1 cwt., 19s. 2d.; 28 lb., 19s. 8d.; ., 23s. 3d.

IQUID PARAFFIN. — Price to wholesale ributors for HEAVY, B.P., is £102 7s. 6d. ton (8s. 1d. per gall.). LIGHT, B.P., 83 7s. 6d. per ton (6s. 5d. per gall), in 45 gall. returnable loaned drums, de-red in the U.K. WHITE and YELLOW SOFT AFFIN are £97 5s. and £75 1s. per ton, ectively, in non-returnable 3-cwt. ms. HARD PARAFFIN, m.p. 135/140° F., 91; 145/150°F., £110 17s.; and 160/ °F., £125 per ton, in minimum ton lots, works.

IERCURY DERIVATIVES.—Nominal quota-s (per lb.) for 1-cwt. lots are: AM-NIATED, B.P., lump or powder, 21s. 9d.; CHLORIDE, B.P., powder, 19s. 6d.; LORIDE, B.P. (calomel), 22s. 6d.; OX-s, B.P.C. levigated, or yellow B.P., 24s.

IETOL.—Firm. 1-cwt. lots are 22s. per 28-lb., 23s.; 14-lb., 25s.; 7-lb., 26s.

PIATES. — Home-trade rates (per oz.) quantities of 5 oz. and upwards are as ows:—CODEINE. — Alkaloid, hydro-mide and iodide, 58s. 6d.; hydrochloride sulphate, 51s.; phosphate, 44s. MOR-NE. — Alkaloid bimeconate, and tar-te, 62s. 6d.; hydrochloride, acetate, robromide and sulphate, 52s. DIAMOR-NE. — Alkaloid, 62s.; hydrochloride, 6d. ETHYLMORPHINE. — Alkaloid. 6d.; hydrochloride, 55s. 6d.

HENOLPHTHALEIN.—Rates per lb. are follows:—2-cwt. lots, 9s. 6d.; 1-cwt., 7d.; 28-lb., 9s. 9d.; 14-lb., 10s.; 7-lb., 3d.

HENYLACETIC ACID. — 1-cwt. lots are ted at 5s. per lb.; smalls, up to 5s. 9d.

HENYTOIN SODIUM. — Quotations for ll quantities are at about 32s. 6d. per the base is available at the same price.

ANNIC ACID. — Home-trade rate for is, B.P. (ex ether) in 1-cwt. lots is per lb.; B.P. powder is quoted at 3d. per lb. for the same quantity.

ARTARIC ACID.—Rates (per cwt.) for home trade are as follows:—10-cwt., 280s.; 5-9 cwt., 282s.; 2-4 cwt., 284s.; wt., 285s.

EREBENE.—For 1-carboy lots, 4s. 2d. lb. is asked. In winchesters, prices are n 4s. 3½d. to 5s. 2d. per lb.

HEOPHYLLINE. — Prices of ALKALOID ntity. AMINOPHYLLINE is from 57s. 6d. 5s. per lb.

HYMOL.—28-lb. lots are 31s. 6d.; 14-lb., 32s.; and 7-lb., 32s. 6d. per lb.

Crude Drugs, etc.

ACONITE. — Spanish *napellus*, nominally, 3s. 6d. to 3s. 9d. per lb., duty paid.

AGAR.—Kobé No. 1 on the spot is quoted at from 9s. to 9s. 3d. per lb., duty paid.

ALOES. — Cape on spot is quoted at 260s. per cwt.; for shipment, 212s. 6d., c.i.f. Curaçao is in short supply on the spot and is offering at from 340s. to 350s.

ARECA NUTS.—Spot quotations are 50s. per cwt. for Ceylon.

BENZOIN.—No. 1 Sumatra block on the spot is quoted at £29 10s. to £30 per cwt.; for shipment, £27, c.i.f. Siam free almonds (medium) are offered at 37s. 6d. per lb., ex warehouse.

CAMPHOR.—Firm. Chinese (B.P.) powder on the spot is rather short and prices are from 6s. per lb., duty paid (5s. 6d. in bond); for shipment, 5s. 4½d. per lb., c.i.f. ¼-oz. tablets on the spot are from 7s. 3d. per lb., duty paid.

CANADA BALSAM. — New-crop for June shipment is quoted at 26s. per lb., c.i.f.

CASCARA SAGRADA.—1950 bark on spot is quoted at from 360s. to 380s. per cwt., duty paid. New-peel American bark for July-August shipment is quoted at 345s., landed, duty paid.

CHERRY BARK.—Thin cut natural is quoted at 2s. 3d. to 2s. 6d. and rossed at 2s. 10d. to 3s. per lb., duty paid, ex warehouse London.

CLOVES.—Quiet. Zanzibar on spot, quoted at 3s. 9d. per lb.; for June shipment, 3s. 7d., c.i.f. Madagascar is nominally 3s. 6d. per lb., in bond; forward, 3s. 3d., c.i.f.

COCHINEAL.—Silver grey on the spot is 7s. 9d. per lb., while black is 9s. 3d. per lb.

COD-LIVER OIL.—Medicinal, B.P., is 14s. per gall. in charged returnable drums and 15s. 6d. per gall. in 1-gall. tins; delivered. Veterinary is from 14s. per gall.

GAMBOGE.—Siam pipe is £45 per cwt., duty paid, spot London.

GENTIAN.—Quiet. French on the spot is offered at 130s. per cwt.; for shipment, 120s., c.i.f.

GINGER.—African on the spot is 300s. per cwt.; afloat, 285s., c.i.f.; for shipment, 292s. 6d., c.i.f. Jamaican, No. 2, 510s. per cwt. and No. 3, 500s., spot.

GUM ACACIA.—Kordofan cleaned sorts on spot, quoted at 135s. per cwt.; June-July shipment, resellers, 117s. 6d., c.i.f.; from the origin, 119s., c.i.f., quoted.

IPECACUANHA. — Firm. For Colombian now landing prices up to 65s. per lb. are asked; for June-August shipment, 59s., c.i.f. No offers of Nicaraguan root.

KOLA NUTS.—African halves on the spot in London are from 5¼d. per lb.; to come forward, 3¾d., c.i.f. Quarters are offering at 6d. per lb. in Hull.

LANOLIN.—Anhydrous is about £140 to to £145 per ton and hydrous, £120 to £125.

MACE.—West Indian pale blade is nominal at 9s. 9d. per lb.; for shipment, 9s. 4d., c.i.f.

MALE FERN.—Jugo-Slavian on the spot, is 55s. per cwt.; for shipment, 47s., c.i.f.

MASTIC.—Quotations for tears (No. 2) are about 12s. 6d. per lb., spot.

MENTHOL.—Quiet. Chinese on the spot is from 92s. to 94s. per lb., duty paid (in bond, 88s.); for shipment from Hong Kong, 83s., c.i.f., sellers. Brazilian, afloat, 86s. per lb., c.i.f.; on the spot, 90s. to 91s. per lb., duty paid (86s. to 87s. in bond); June shipment, 81s., c.i.f., quoted.

MYRRH.—Aden selected sorts are quoted at £18 per cwt.; B.P. sorts, £14; siftings, from £7; spot London.

NUTMEGS.—West Indian 80's, quoted at 4s. 9d. and unassorted at 4s. per lb., ex warehouse. East Indian for shipment are quoted at 4s. 9¼d. to 4s. 9½d., c.i.f.

ORANGE PEEL.—Spanish bitter quarters quoted at 1s. 9d. and ribbon at 1s. 6d. per lb., duty paid, spot. West Indian quarters, 1s. 6d. per lb., spot. Tripolitanian thin-cut ribbon, 2s. 2d. per lb.

ORRIS ROOT.—Florentine, now landing, is offered at 157s. 6d. per cwt.

PERU BALSAM.—Spot is nominal at 21s. per lb.; for shipment from the origin, 17s. 6d., c.i.f., quoted.

PAPAIN.—East African white on spot is quoted at 34s. per lb.; Ceylon sun-dried on spot is 31s. per lb.

QUILLAIA.—Whole bark on spot is 160s. to 165s. per cwt.; for shipment, 145s., c.i.f. Cut bark is offered at 190s. per cwt., ex warehouse.

QUINCE SEED. — Cape on the spot are quoted at 4s. per lb.

QUASSIA.—Chips on the spot are offered at 35s. per cwt.; for shipment, 28s., c.i.f.

RHUBARB.—Double Deer No. 1 is offered at 10s. per lb., duty paid (9s. 3d. in bond). with other grades of good quality Chinese rough round at from 8s. 3d. to 9s. 3d. per lb., duty paid. Low grades and wormy are from 3s. 9d. to 4s. per lb., duty paid.

SAFFRON.—Portuguese, for prompt shipment from the origin, is quoted at 140s. per lb., c.i.f.

SARSAPARILLA.—Jamaican native red is quoted at 2s. 7d. per lb., ex warehouse London; for shipment, 2s. 4½d. per lb., c.i.f.

SEEDS.—Prices of ANISE are unchanged: Turkish, 150s. per cwt. in bond, and 160s. duty paid; Cyprus, 160s. per cwt., duty free; all spot London. CARAWAY.—Dutch is now offered at 195s. per cwt., duty paid in London. CELERY.—Indian is in fair demand at 1s. 10½d. per lb., spot London. CORIANDER.—Very little business reported owing to new - crop position becoming weaker. Morocco on spot is quoted at 160s. per cwt., duty paid, and 150s. p cwt. in bond. Indian is 167s. 6d. per cw spot London. Morocco, new-crop, for Jun July shipment, is now offered at 90s. p cwt., basis c.i.f. London. CUMIN.—Cypru spot London or Liverpool, is 252s. 6d. p cwt. Indian, now landing, is offered 247s. 6d. per cwt. Morocco new-crop f June-July shipment is 155s. per cwt., c.i. and Cyprus, 157s. 6d. per cwt., c.i. DILL.—Indian is unchanged at 80s. p cwt., spot London. FENNEL.—Indian selling at 140s. per cwt., spot Londo FENUGREEK.—Demand on spot is very poo Morocco is 50s. per cwt., duty paid, e store London or Liverpool. New-cro Morocco for June-July shipment is no quoted at 40s. per cwt., c.i.f. London Liverpool.

SENEGA.—New-crop root for June-Jul shipment is quoted at prices from 21s. 22s. per lb., c.i.f. Old-crop on the spot offering at 27s. 6d. per lb.

SENNA.—Spot, Tinnevelly No. 2 leave 1s. 5d.; No. 3, 1s. 4d.; No. 4, 1s. 2d. p lb. Wet-crop leaves for July-August shi ment are quoted as follows:—Prime N 1, 1s. 3d.; No. 2, prime, 1s. 1d., and f.a.q 1s.; No. 3, prime, 11d., f.a.q., 10½d.; N 4, cleaned, 9d., and f.a.q., 8½d. per lb c.i.f. Hand-picked pods for shipment a quoted at 1s. 10d. and a superior qualit 2s. 7d. per lb., with f.a.q., 1s. 2½d. per l all c.i.f. Alexandrian pods on spot a from 1s. 6d. to 2s. per lb.; leaves for shi ment, 1s. 0½d., c.i.f.

SHELLAC.—Steady. Spot F.O.T.N., pur 360s. F.O. Standard 1, 375s.; and fi orange, 410s. to 480s. per cwt.

STROPHANTHUS.—*Kombé*, 100 per cen is quoted at 21s. per lb. on the spot *gratus*, spot, 35s. per lb., nominal.

TOLU BALSAM. — Natural on spot 47s. 6d. per lb., and B.P., 40s. per l Natural from the origin is quoted 47s. 6d., c.i.f.

TRAGACANTH.—Quiet. No. 1 ribbon o the spot is £195 per cwt.; No. 2, £170 No. 3, £145.

WAXES. — Dar-es-Salaam BEES', spo 630s. per cwt., May-June shipment, 600s c.i.f. Benguella, spot, 630s., per cwt duty paid (in bond 590s.); April-May shi ment, 540s., nominal, c.i.f. Sudanese, spo 620s. per cwt., duty paid (in bond 580s.) for shipment, 550s., c.i.f. CANDELILLA.— Spot quotations are at 625s. per cwt. c store. CARNAUBA.—Prime yellow, spo 1,275s. per cwt.; afloat 1,160s., c.i.f. Ma June shipment 1,120s., c.i.f. Fatty gre spot 1,050s. per cwt.; afloat 1,020s.; Ma June shipment, 1,000s., c.i.f. MONTAN.— Reibeck, spot, 135s. per cwt.; for shipmen 125s., c.i.f. OURICURI.—1.9 per cent. in purities spot, 895s. per cwt.; 1.3 per cent 915s.; 0.5 per cent. for shipment, 860s c.i.f.; 3 per cent., for shipment, 810s c.i.f. The waxes market has been quiet,

Essential and Expressed Oils

NISE.—Firm. Spot quotations are from 6d. to 14s. per lb.; for shipment, 6d., sellers, c.i.f.

OIS DE ROSE.—Brazilian on the spot rom 39s. to 43s. per lb., as to quantity.

ADE.—Spanish oil, B.P., on the spot uoted at from 3s. 6d. to 4s. per lb.

ANANGA.—Supplies on the spot are quoat 105s. per lb.

ARAWAY. — English-distilled is offered 45s.; imported oils in limited supply from 38s. to 40s. per lb., on the spot.

ARDAMOM—English-distilled is quoted rom 450s. per lb.; imported, from about s., duty paid.

ASSIA.—Firm. Spot is quoted at 30s. 31s. per lb.; for shipment, 26s., c.if.

ASTOR OIL.—B.P. oil on the spot is inally £336 per ton; Firsts, from £330; onds, £320 per ton naked, ex mill.

INNAMON.—B.P. oil on the spot is quoat from 52s. 6d. to 100s. per lb. Engbark oil is offered at 21s. to 22s. 6d. oz. Ceylon leaf, 20s. per lb., spot, inal; for shipment, 14s. 6d. to 15s.,

ITRONELLA.—Ceylon is offered at from 6d. to 16s. 6d. per lb., spot; for shipit, 12s. 6d., c.i.f. Java on spot is quoted 17s. to 18s. per lb.; for shipment, 15s.,

LOVE.—English-distilled bud oil is from to 31s. per lb. Madagascar leaf oil come forward, 15s. 3d. per lb., c.i.f.

UBEBS.—English-distilled is offered at n 50s. to 55s. per lb. Imported is quoat from 60s. to 65s.

ILL.—English-distilled oil is quoted at ut 65s. per lb. for B.P. quality. Imted oils are offered at from 47s. to per lb., as to holder. East Indian, 6d., spot.

ENNEL. — Spanish sweet on the spot uoted at 15s. to 20s. per lb.

ERANIUM.—Quiet. Bourbon on the spot rom 165s. to 170s. per lb.

INGER.—Firm. English-distilled oil is the region of 170s. to 230s. per lb., as grade. Imported oils are available rom 175s. to 180s. per lb.

UNIPER BERRY. — Imported oils are rer at from 22s. per lb., duty paid; glish-distilled is offered at 75s. to 95s. lb., as to seller and grade.

AVANDIN.—Spot quotations are in the ion of 41s. to 43s. per lb.

AVENDER.—French, 38-40 per cent. lina- on the spot is nominal at 55s. 6d. per 40-42 per cent., 58s. Spanish spike from 28s. 6d. to 30s. per lb., on the t.

IME.—West Indian distilled is 67s. 6d. 72s. 6d. per lb., nominal, spot.

NUTMEG.—English-distilled oil is about 55s. to 57s. 6d. per lb. Imported oil (B.P.) is about 37s. 6d. to 40s., duty paid.

PALMAROSA. — For spot delivery from 58s. per lb. is asked.

PATCHOULI.—Quiet. Spot quotations are from 140s. to 150s. per lb.

PEPPERMINT.—Chinese *arvensis* oil on spot is about 34s. 6d. per lb.; for shipment, 31s. 3d., c.i.f. Brazilian on spot is 30s. per lb. Italian "Mitcham" *piperita* is offering at 67s. per lb., with other grades of B.P. oil from 62s. to 70s. per lb., ex warehouse.

PETITGRAIN.—Paraguay on the spot is in the region of 37s. 6d. to 40s. per lb.

PIMENTO BERRY. — English-distilled oil, 85s. per lb. Imported oil is from 45s. to 47s. 6d. per lb., spot.

ROSEMARY. — Spanish on the spot is from 10s. to 11s. per lb., duty paid.

SASSAFRAS.—Brazilian natural is offering at from 6s. 6d. per lb., duty paid, spot.

SPEARMINT.—Spot quotations are from 58s. 6d. to 60s. per lb., duty paid.

VETIVERT.—Bourbon is nominal at 250s. per lb., spot.

Methylated Spirits

METHYLATORS' rates per gall. in Great Britain are as follows:—

Industrial methylated spirit: Strength 61 *o.p.*, 500 gall. and over, in one delivery, 7s. 6d.; 100 gall. and under 500 gall., 7s. 8d.; 30 gall. and under 100 gall., 7s. 10d.; 10 gall. and under 30 gall., 8s.; 5 gall. and under 10 gall., 8s. 3d. Strength 64 *o.p.*, 1d. per gall.; 66 *o.p.* (B.P.), 2d.; 68 *o.p.*, 3d.; and 74 *o.p.*, 7½d. more than the above rates. Tank wagon delivery: One halfpenny per gall. off list price — minimum 500 gall. For industrial methylated spirit of standard toilet quality prices are 3½d. per gall. above foregoing prices.

Pyridinised industrial methylated spirit: Strength 61 *o.p.*, 500 gall. and over, in one delivery, 7s. 8½d.; 100 gall. and under 500 gall., 7s. 10½d.; 30 gall. and under 100 gall., 8s. 0½d.; 10 gall. and under 30 gall., 8s. 2½d.; 5 gall. and under 10 gall., 8s. 5½d. Strength 64 *o.p.*, 1d. per gall. more than foregoing rates.

Mineralised methylated spirit: Strength 61 *o.p.*, in one delivery, 100 gall. and under 500 gall., 7s. 10½d.; 30 gall. and under 100 gall., 8s. 0½d.; 10 gall. and under 30 gall., 8s. 2½d.; 5 gall. and under 10 gall., 8s. 5½d. Strength 64 *o.p.*, 1d. per gall. more than foregoing rates.

Methylated resin finish is 3d. per gall. over, and *methylated shellac finish*, 1s. per gall. over the prices for pyridinised methylated spirit.

TERMS: Delivered free and carriage paid on returned empties; cash one month less 2½ per cent.; packages charged, credited in full on return.

TRADE MARKS

From the "Trade Marks Journal," May 16

For agricultural and horticultural chemicals (other than insecticides and fungicides) (1).
ARBORMONE, 692,803, by the Murphy Chemical Co., Ltd., Wheathampstead, and Ward, Blenkinsop & Co., Ltd., London, W.1.

For agricultural and horticultural chemicals and fertilisers, all containing phosphorus (1).
PHOSPAL, 695,968, by Societe d'Etudes et d'Applications des Minerals de Thies, Paris.

For fertilisers (1).
FERTIPLUS, 695,990, by Alexander Thomas Douglas, Stranraer.

For agricultural and horticultural chemicals (1).
STRAWSONIZER, 697,235, by the Strawson Chemical Co., Ltd., London, E.C.4.

For non-medicated toilet and cosmetic preparations (3).
ZIGANE, 696,332, by Osborne, Garrett & Co., Ltd., London, W.1.

For all goods (3).
ZOMELA, 697,018, by Boots Pure Drug Co., Ltd., Nottingham.

For pharmaceutical preparations (5).
ACTHAR, 693,384, by Armour & Co., Chicago. RIDDORHEUM, B693,569, Riddell Products, Ltd., London, W.1. CORTIFORTE, 693,714, by Harold Godfrey, London, S.W.1. ESTOMYCIN, BENEXIN, 696,758-697,108, by Glaxo Laboratories, Ltd., Greenford. BRONCHISTIN, 697,261, by Silten, Ltd., Hatfield.

Preparations of vitamins and aureomycin for addition to animal and poultry feeding-stuffs (5).
AUROFAC, 690,048, by American Cyanamide Co., New York.

For insecticides and fungicides containing hormones (5).
ARBORMONE, 692,804, by the Murphy Chemical Co., Ltd., Wheathampstead, and Ward, Blenkinsop & Co., Ltd., London, W.1.

For medical and surgical plaster, bandaging materials, medicated adhesive preparations, pharmaceutical substances and wound dressings (5).
POROFIX, 693,458, by the Scholl Manufacturing Co., Ltd., London, E.C.1.

For pharmaceutical preparations for human and veterinary use (5).
MENSTROGEN, 694,067, by Organon Laboratories, Ltd., London, W.C.2.

For medicines for internal human use (5).
ROTERCHOLON, 695,477, by Roter, Hilversum.

For veterinary preparations (5).
PADISAN, 695,938, by International Serum Co., Ltd., London, N.W.4.

For medicated oils for external treatment of humans and animals (5).
CHAMELEON, 696,072, by Potter & Clarke, Ltd., trading also as Castle Laboratory, London, E.1.

For fungicides containing copper (5).
CUPROCOL, 697,059, by Hemingway & Co., Ltd., London, E.15.

BUSINESS CHANGES

ARDS PHARMACY, LTD., have taken c the business of Mr. T. Sandfo M.P.S.N.I., at High Street, Newtowna co. Down, Northern Ireland.

MR. C. JOSEPH, M.P.S., D.O F.N.A.O., has acquired the pharmacy 162 Green Lanes, London, N.16, form owned by Mr. F. Hobbs, Ph.C.

Messrs. K. C. and E. M. FUDGE, di tors of H. E. Matthews, Ltd., chemists, Kennington Park Road, London, S.E have formed a new company (see p. 6 which has taken over Hays Drug Co., Manor Place, London, S.E.17, now c verted to a pharmacy.

BRAND & Co., LTD., Mayfair Wo London, S.W.8, have made the follow appointments to their representative st —Mr. R. B. Bowring, 17 Mayfair Aver Mansfield, Notts (Notts, Derbys, Li Leics, Rutland and part Warwicks) Mr. H. F. Wetherbee, M.C., 12 Kamp Road, London, N.W.3 (part of north L don).

APPLICATIONS for import and exp licences under the Dangerous Drugs A should be sent to:—The Accounting C cer, Home Office, Finance Divisi Princeton House, 271 High Holborn, L don, W.C.2. Questions relating to dang ous drugs and poisons should be refer to: Home Office, Drugs Branch, Wh hall, London, S.W.1 (telephone: Wh hall 8100).

COMING EVENTS

Sunday, June 3

LONDON CHEMISTS' GOLFING SOCIETY, Veru Golf Club, St. Albans, Herts. Golf fixture, c to be returned by 6 p.m.

Wednesday, June 6

CHEMICAL COUNCIL, Royal Institution, Albem Street, London, W.1, at 6 p.m. Professor Cyril Hinshelwood, F.R.S., on "Chemistry Modern Thought."

BRITISH PLASTICS EXHIBITION, Olympia, Lon Open until June 16.

Thursday, June 7

ABERDARE AND MERTHYR BRANCH, PHARMACEUT SOCIETY, Aberdare Golf Club, Abernant, A dare, at 1 p.m. Seventh open summer meet

CHEMICAL SOCIETY, Royal Institution, Albem Street, London, W.1, at 7.30 p.m. Dr. F. Rose, O.B.E., F.R.I.C., on "A Chemoth peutic Search in Retrospect."

MANCHESTER AND SALFORD BRANCH, NATI PHARMACEUTICAL UNION, Council Cham Houldsworth Hall, Deansgate, Manchester, 7.45 p.m. Annual meeting.

HERE is the new 'Nervone' pack, eye-catching, distinctive in its ivory and bronze blue colours! Displayed on your counter or in your window it will serve as a reminder to your customers that YOU can supply. Remember every 'Nervone' sale means a profit of ONE SHILLING and SIXPENCE, and even a modest display, such as the new pack provides, will move your stock with greater speed and enable you to take full advantage of the demand created by our large-scale advertising.

Retail 5/6d. and 22/-. Wholesale 48/- and 192/- (inc. tax)

P.A.T.A.

IERVONE,' CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1.

They call it *Breeze*

because it's country-fresh

Crosfields (CWG) Limited, of Persil fame, take much pleasure in announcing their latest big seller—Breeze.

With its attractive wrapper, its cool green colour and, above all, its distinctive country-fresh fragrance, Breeze captures all the fresh-air appeal of the countryside. Rich-lathering Breeze is a toilet soap for all families everywhere.

Big all-year-round advertising in the National Daily and Sunday Press, in home and women's magazines in colour, and a nationwide poster campaign, will ensure a huge sale for Breeze.

Breeze retails at 6d. and 11d. (Bath size).

Be sure you get your share of *Breeze* sales

BZT6-956-100

Malagride

TRADE MARK

EVANS

ACETARSOL TABLETS

FOR

Blackhead in turkeys

ational advertising reaching
oultry farmers throughout the
ountry is now appearing. The
:mand for Malagride Tablets will
: greatly increased and stocks
ould be replenished now.

PRICES:	25 TABLETS	100 TABLETS
RETAIL	3/9	13/-
WHOLESALE	30/- per dozen	104/- per dozen

Made in England by

383

EVANS MEDICAL SUPPLIES LTD LIVERPOOL AND LONDON

IN MATTERS CONCERNING FEMININE HYGIENE..

SHE LOOKS TO *you* FOR PROFESSIONAL ADVICE

The responsibility to give professional advice when called upon has placed pharmacy in a position of high esteem and it is a service especially valued by women. When it is a question of family limitation it is always wise to suggest a Rendells Product. As pioneers of the chemical contraceptive we can now offer a range of preparations to suit every individual requirement

RENDELL PESSARIES
RENDELL GELS
RENDELL-FOAM
RENDELL-CREAM

Rendells

PRODUCTS FOR FEMININE HYGIENE

W. J. RENDELL LTD., ICKLEFORD MANOR, HITCHIN, HERT

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(continued overleaf)

While the sun shines

. . you can enjoy record sales of BEACH! This leasant non-greasy sun tan cream is going to be ore popular than ever this year. The advertise-ent shown here will appear uring the summer in the 0-million-a-day-readership AILY MIRROR, the holiday-akers' favourite paper. Back p this advertising by dis-laying this fine showcard vailable on request). It's full-colour drawing by e well-known artist age Werner.

etail price 2/6 per tube.
rade Price
2/- per doz. tubes.
pecial terms—
% discount on 3 doz.
½% discount on 6 doz.

HE BRITISH DRUG HOUSES LTD. LONDON N.1

Rea/T/4

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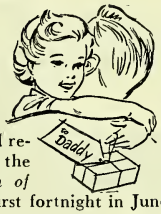
The Bronnley Beauty BULLETIN

A Regular Feature for the Discriminating Chemist

FATHER'S DAY



Sunday, June 17th, is to be *Father's Day* in Great Britain. We believe this idea will introduce a note of brightness and novelty into Man's austere life, and recommend agents to display the Bronnley series *"for men of discernment"* during the first fortnight in June. Have you received details? Items from the series are on show in the "Homes and Gardens" section of the Festival of Britain.

PUBLICITY

Publicity can be more than "pretty girl" posters and large advertisements in mass circulation journals. In fact, these are two forms of advertising which we have never favoured.

We prefer:

(1) Verbal recommendation, achieved by the strict maintenance of a high degree of quality.

(2) Publicity at the point of sale—developed through the goodwill of our retailer agents.

(3) Constant reminder advertisements in journals appealing to a discriminating public.

HAND & COMPLEXION CREAM

An enterprising chemist regularly orders a quantity of Hand Cream in the Winter "to alleviate the ill effects of frost and wind." He repeats his order for the Summer which he sells as a sunburn cream.

Bronnley Hand and Complexion Cream—entirely non-sticky and non-greasy—retails at 4/9d. per bottle. Well recommended for summer months.

CONCLUSION

"The greatest success is confidence, or perfect understanding between sincere people".

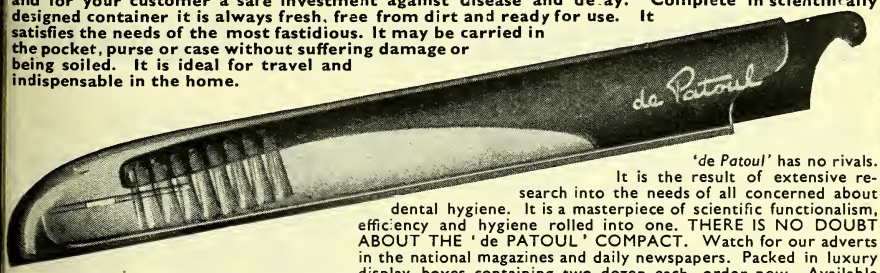
—Emerson.

By Appointment Toilet Soap Makers to H.M. King George VI H. Bronnley & Co. Ltd.

IT'S HERE! - **Get the new**

Toothbrush Compact de Patoul

and be sure . . . Sure of what? That you stock a toothbrush which is new and 100% hygienic. The new Compact by 'de Patoul' is more than a brush, it is for you a safe financial investment!! and for your customer a safe investment against disease and decay. Complete in scientifically designed container it is always fresh, free from dirt and ready for use. It satisfies the needs of the most fastidious. It may be carried in the pocket, purse or case without suffering damage or being soiled. It is ideal for travel and indispensable in the home.



'de Patoul' has no rivals. It is the result of extensive research into the needs of all concerned about dental hygiene. It is a masterpiece of scientific functionalism, efficiency and hygiene rolled into one. THERE IS NO DOUBT ABOUT THE 'de PATOUL' COMPACT. Watch for our adverts in the national magazines and daily newspapers. Packed in luxury display boxes containing two dozen each, order now. Available in six transparent shades. Retail price **2/11d** including tax. Wholesale price **19/-** per dozen, excluding tax. Your profit **9/8d** per dozen.

de Patoul "100"

HAS NO RIVALS

Manufactured and distributed by

ROCKWELL COMPANY LTD

Aycliffe Trading Estate, Darlington.

Telephone: Aycliffe 2272

TIMELY REMINDER

New Genatosan Display Discount

REMEMBER, from June 1st you will benefit from the new *increased* display discounts for Genatosan products. If you have not yet expressed the wish to qualify for these better terms, may we remind you that you will qualify only for alternative settlement terms (below).

Just in case our representative has been unable to contact you, a postcard request now will bring him (if in your district) to your pharmacy, or an explanatory letter from head office.

Alternative settlement terms

Parcel value £3 . . . 1¼% £10 . . . 2½% £100 . . . 5%

GENATOSAN LTD., LOUGHBOROUGH, LEICESTERSHIRE

767

GREAT £700

WINDOW DISPLAY COMPETITION

organised by

BRYLCREEM

Dress your windows with
COUNTY PERFUMERY PRODUCTS
for two weeks between

JUNE 18TH & JULY 14TH

'our windows can win you big prizes f cash or goods in this new Brylcreem ompetition. Between June 18 and uly 14, make a special effort and dress our windows with Brylcreem — and ther County products. Photograph he display and send us a print. That's ll you do to enter. It is the hardest-selling, most original, and best-dressed windows which will win the prizes. Start planning for this competition now. Let your windows do a really good selling job and remember to keep your stocks well up, as this hard-selling 14 days will move your goods even quicker than usual.

OVER £700 MUST BE WON

SEPARATE SECTIONS FOR CHEMISTS . . . HAIRDRESSERS

1ST PRIZE £100 *in each section*
2ND PRIZE £50 „ „ „
3RD PRIZE £25 „ „ „
and 50 Consolation PRIZES in each section of goods to the sales value of £3.10.0 each.

If you have not already received details, send a card today to COUNTY PERFUMERY CO. LTD., Honeypot Lane, Stanmore, Middlesex.

T.32/87

APL FINE PRODUCTS

COMPRESSED TABLETS

AMINOPHYLLINE
A.P.C.
BARBITURATES
CARBROMAL
CODEINE CO.
EPHEDRINE HCL.
SULPHA. DRUGS
THYROID
VITAMINS

AMBER PHARMACEUTICALS LTD.

Manufacturers of Fine Chemicals and Pharmaceutical Products

BYRON HOUSE, 7-9 ST. JAMES'S STREET, LONDON, S.W.

HIGH POTENCY

COD LIVER OIL CAPSULES

1 Vitamin A with additional Vitamin D
2 Vitamin E additional to Vitamins A & D
3 Vitamins E & K additional to Vitamins A & D

Guaranteed by 50 years' experience in the production of Cod Liver Oil.

Particulars, prices and discounts gladly sent on request

ALTRA LTD.

77, SOUTH AUDLEY ST., LONDON, W.1

Telephone: GROSVENOR 6992

We invite your enquiries and orders for

DRUGS, GALENICALS, CHEMISTS' SUNDRIES, COTTON WOOL, SURGICAL DRESSINGS and TABLETS at competitive prices

BIOREX

LABORATORIES LTD.

WHOLESALE AND MANUFACTURING CHEMISTS

51 EXMOUTH STREET, LONDON, E.C.1

Telephone: TERminus 9494 and 1431

Post orders executed promptly
Daily delivery service in the Greater London Area

In penicillin therapy

'DISTAQUAINE' brand

preparations of procaine penicillin offer the following advantages:

Aqueous, containing neither oil nor wax

Easy to prepare and administer

Least possible pain on injection

Effective blood levels up to 24 hours following administration

Dry syringe unnecessary

Equipment easily cleaned after use

'DISTAQUAINE' *SUSPENSION vials of* 10 *ml.* (300,000 *i.u. per ml.*)

'DISTAQUAINE' G *vials of* 300,000, 900,000 *and* 3,000,000 *i.u.*

'DISTAQUAINE' *FORTIFIED vials of* 400,000 *and* 1,200,000 *i.u.*

Available from

Allen & Hanburys Ltd. British Drug Houses Ltd.

Burroughs Wellcome & Co. Evans Medical Supplies Ltd.

Imperial Chemical (Pharmaceuticals) Ltd.

Pharmaceutical Specialities (May & Baker) Ltd.

'Distaquaine,' a trade mark, is the property of the manufacturers.

SPEKE THE DISTILLERS COMPANY (BIOCHEMICALS) LIMITED LIVERPOOL

Good news for your customers—and for you

Southalls DEO POWDER

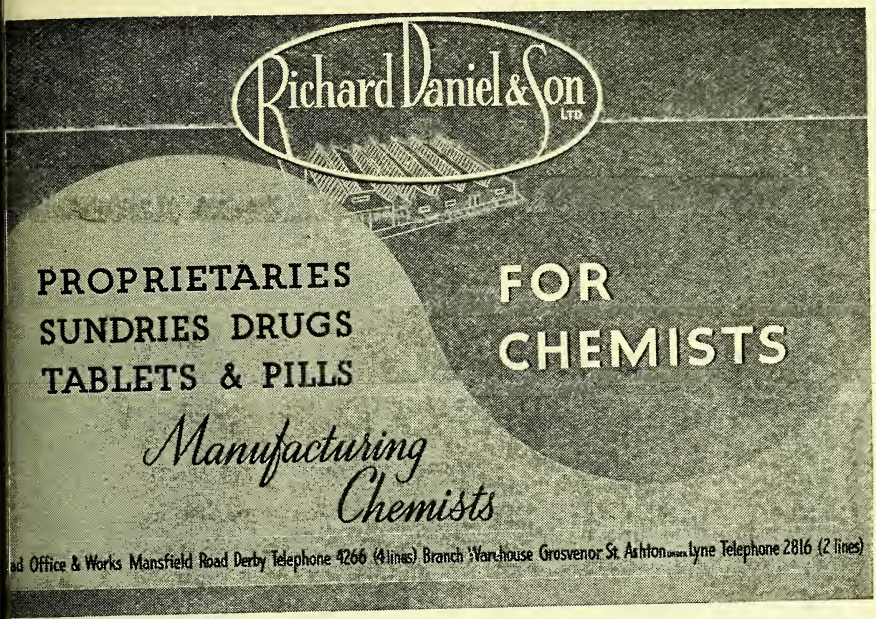
is back again

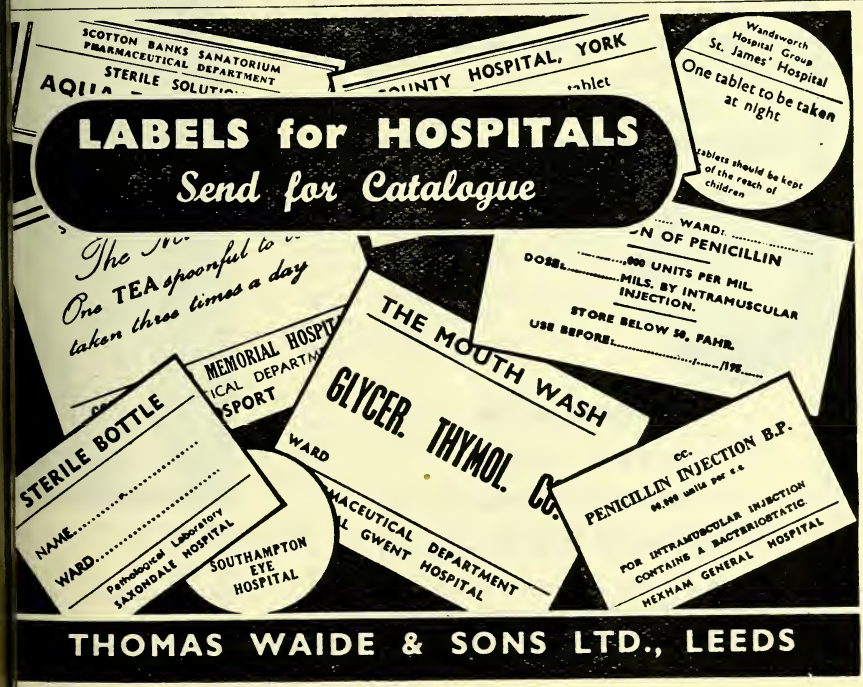
EVERY FASTIDIOUS WOMAN will be glad to see that you have Southalls Deo Powder in stock again — the pure, fragrant deodorant that she can use safely on Santowels as well as for every purpose for which she wants a deodorant. She knows that it is a deodorant that she can trust because it bears the Southalls name, which has so long stood for quality and reliability.

In its fresh and charming new blue and white pack, Southalls Deo Powder will attract your customers, so make sure that you have it in stock — send in your order to your wholesaler now. Trade 8/11 doz. Retail 1/10½ per tin (inc. tax).

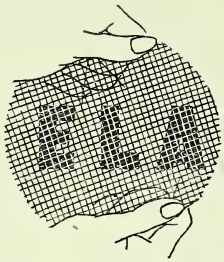
SOUTHALLS
(BIRMINGHAM) LTD.

ST.22


Richard Daniel & Son LTD
PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS
FOR CHEMISTS
Manufacturing Chemists
ad Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton Lyne Telephone 2816 (2 lines)


LABELS for HOSPITALS
Send for Catalogue
SCOTTON BANKS SANATORIUM
PHARMACEUTICAL DEPARTMENT
STERILE SOLUTI
HOSPITAL, YORK
Wandsworth Hospital Group
St. James' Hospital
One tablet to be taken at night
tablets should be kept of the reach of children
One TEA spoonful to
taken three times a day
WARD:
N OF PENICILLIN
DOSE: ,000 UNITS PER MIL.
MILS. BY INTRAMUSCULAR INJECTION.
STORE BELOW 50, FAHR.
USE BEFORE: /198
MEMORIAL HOSPI
ICAL DEPARTM
SPORT
THE MOUTH WASH
GLYCER. THYMOL. Co.
WARD
MACEUTICAL DEPARTMENT
L GWENT HOSPITAL
STERILE BOTTLE
NAME
WARD
Pathological Laboratory
SAXONDALE HOSPITAL
SOUTHAMPTON EYE HOSPITAL
cc.
PENICILLIN INJECTION B.P.
00,000 units per c.c.
FOR INTRAMUSCULAR INJECTION
CONTAINS A BACTERIOSTATIC
HEXHAM GENERAL HOSPITAL
THOMAS WAIDE & SONS LTD., LEEDS

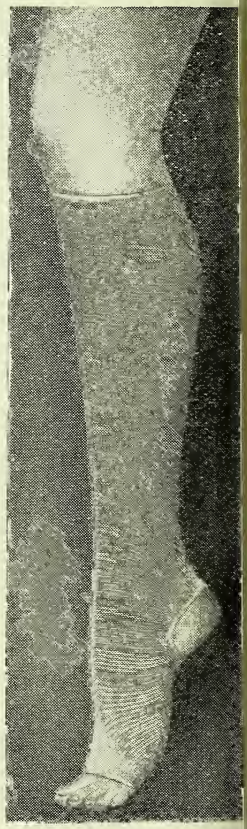
THE NEW



Scholl EXTRA LIGHT

STIC NET

SURGICAL STOCKINGS



NOW IN STOCK SIZES

STOCKINGS and THIGH STOCKINGS

THE wide use of Scholl "ELASTIC NET" Hosiery is based upon its unique quality in applying full supportive action to the leg with extreme lightness and comfort in wear.

STOCKINGS and THIGH STOCKINGS are now available in a range of 5 Stock Sizes, enabling patients to be fitted immediately upon presentation of prescriptions.

SIZE CHART for simplified fitting of Stock Sizes and supply of Order Forms for Made-to-Measure sizes gladly forwarded on request.

The *Scholl EXCLUSIVE*

TENSION-CONTROL HEEL TAPE

Scholl research has perfected this Heel Tape to ensure uniform tension at ankle. Prevents friction in area of heel tendon. Stops hose stretching at heel. Saves wear. Lengthens life of stocking, perfects ankle fit.

ORDER NOW

STOCK PARCEL

5 prs. *Scholl* ELASTIC NET Stockings 20/4 *pair*

5 prs. *Scholl* ELASTIC NET Thigh Stockings 25/4 *pair*

in range of 5 assorted sizes of each

PRICES FOR STOCK SIZES

	W/S	R/tl.
STOCKINGS	20/4d.	30/6
THIGH STOCKINGS	25/4d.	38/0

THE SCHOLL MFG. CO. LTD., 182-204 ST. JOHN STREET, LONDON, E.C.

Hayfever, Insect Bites and Stings

'ROCHE' ANTIHISTAMINE

Different in chemical structure from other antihistamine drugs now available

'THEPHORIN'

Trade Mark

NO DROWSINESS

'Thephorin' is distinctive also in its properties: in the great majority of cases it is well tolerated and it very rarely produces drowsiness. 'Thephorin' can therefore be given during the day without inconvenience to the patient.

Tablets of 25 mg. in bottles of 50, 250 and 1000. Also 5 per cent ointment in tubes of 1 oz.

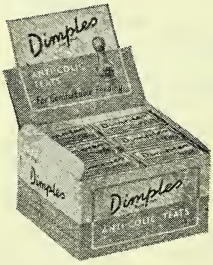
Information and literature are obtainable from the Medical Information Department

ROCHE PRODUCTS LTD · WELWYN GARDEN CITY · HERTS

IT'S SO EASY FOR MOTHER TO SAY- Dimples Trade Mark TEATS AND IT'S SO EASY TO SELL THEM !

DIMPLES—easy to say, easy to sell. A good reliable line. An attractively packed line. A line which you sell all the time.

DIMPLES Teats are supplied with one or three holes. They are anti-colic. They ensure comfortable, trouble-free feeding.



DIMPLES in their neat buff printed cartons, in two colours, packed in dozens in outer carton with cut-out lid, are worth displaying for regular repeat business. Show them and sell them.

	1 doz.	6 doz.	1 gross
Per doz.....	2/8	2/7	2/6

Dimples Trade Mark FEEDING BOTTLES, too !

A good quality line. Also attractively packed in buff printed cartons. Supplied with anti-colic teat and valve. Wrapped with transparent tissue to prevent soiling.

		1 doz	3 doz	6 doz
Double-ended	8oz. doz.	12/-	11/9	11/6
No. 1. Upright	8 ,, ,,	8/9	8/6	8/3
Double-ended	4 ,, ,,	10/-	9/9	9/6
No. 1. Upright	4 ,, ,,	8/3	8/-	7/9

MACDONALD & SON LTD.

HOPE MILLS, POLLARD STREET, MANCHESTER, 4 Ardwick 1561-2

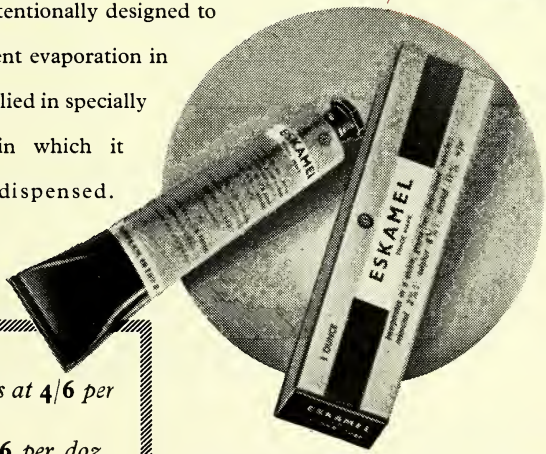
'Eskamel'

for the treatment of acne

'ESKAMEL' is specifically designed for the treatment of acne. It presents sulphur and resorcinol in a grease-free, flesh-tinted vehicle. When applied to the skin, 'Eskamel' is almost invisible. It provides a mask for unsightly acne lesions. It leaves a smooth, soft film on the skin that does not crack or cake, or clog the pores. With 'Eskamel', improvement normally occurs, not in weeks or months, but in a matter of days.

Formula : Resorcinol 2%, Sulphur 8%, in a stable, grease-free, flesh-tinted base.

NOTE: 'Eskamel' is intentionally designed to dry quickly. To prevent evaporation in the package, it is supplied in specially lined 1-oz. tubes, in which it should always be dispensed.



'ESKAMEL' *retails at* **4/6** *per tube*

Trade price: **32/6** *per doz., plus Purchase Tax 10/10*

MENLEY & JAMES, LIMITED, 123 Coldharbour Lane London, S.E.5

for *Smith Kline & French International Co., owner of the trade mark 'Eskamel'* EMT61

FOR HOME & EXPORT

• Pepsin

• Peptone

• Pancreatin

• Haemoglobin

• Sulphone D.D.S.

HARDY

★ We can supply these and many other drugs advantageously.

M·W·HARDY
AND COMPANY
(OVERSEAS) LTD

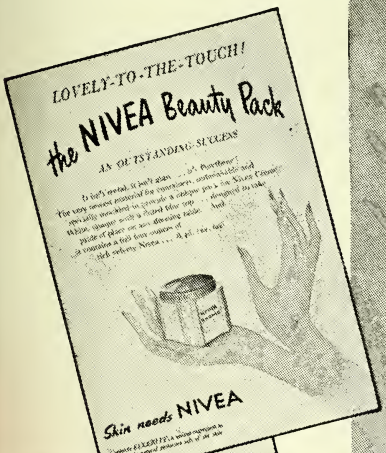
PINNERS HALL·GT WINCHESTER ST·LONDON·E.C.2

TELEPHONE: LONDON WALL 7131

ELLING MORE PEOPLE

"SKIN NEEDS NIVEA." This simple factual statement goes round the country, directly influencing your turnover, increasing your profits.

Advertisements in the fashion and beauty press, the popular women's weeklies and medical and nursing journals, supported by attractive showcard displays in nearly every city, town and village in the country, are rapidly developing a wider and wider market for this favourite of skin creams.



ELLING MORE NIVEA

ERTS PHARMACEUTICALS LIMITED, WELWYN GARDEN CITY, HERTS

C

Where experience counts.....!

A field of young henbane, Ransom's Farm, Hitchin

Successful cultivation of medicinal plants is an art that results only from long experience.

For over 100 years William Ransom & Son Ltd. have specialised in drug growing and the wealth of their knowledge is reflected in the outstanding quality of their products.

ACTUAL GROWERS OF

BELLADONNA · HENBANE
PEPPERMINT
FOXGLOVE · CHAMOMILE
LAVENDER

EXTRACTS
(Solid and Liquid)

TINCTURES · RESINS
OLEO-RESINS · RESINOIDS
ESSENTIAL OILS · CHLOROPHYLL

MANUFACTURING CHEMISTS AND GROWERS OF MEDICINAL PLANTS FOR OVER A CENTURY

WILLIAM RANSOM & SON LTD.
Hitchin Hertfordshire England

PROGRESS IN PACKAGING

NEW "Weather-Control" PACK for Hygroscopic Products

Macleans Limited now use Pliofilm for packaging their MAC Brand Antiseptic Throat Sweets. Pliofilm stabilizes the sweets' moisture content, strongly resists their hygroscopic action, and protects their flavour and medical efficacy.

Pliofilm offers full protection against moisture-transfer

Like all products with hygroscopic tendencies MAC Brand Antiseptic Throat Sweets absorb moisture from the atmosphere, unless they are fully protected.

But now, Pliofilm — the brilliant new transparent packaging material — is here! And full protection is guaranteed. For packed inside a gleaming clip sealed Pliofilm bag, *before they are placed in their cardboard containers*, the sweets are safeguarded from moisture transfer. They lose none of their consistency *and* their quality is protected, too. What's more, their full flavour and medical efficacy is maintained from factory to consumer.

Pliofilm gives this unique protection because it is proof against air, damp and moisture-vapour. Pliofilm works by sealing wanted moisture *in* and unwanted moisture *out*. The "weather" inside the pack stays exactly the same, from the time it leaves the factory until it reaches the customer. Moist products such as surgical dressings; and viscous products like cream shampoos, retain all of their moisture content. Dry or hygroscopic products such as medicinal tablets and capsules and throat sweets maintain their original consistency. What's more Pliofilm is tasteless, strong and completely hygienic.

Plain or printed in gay colours, Pliofilm's transparent brilliance makes a tempting display. And that means sales! But it can also be used as a liner-bag or a lining for paper or foil. One way or the other you will be seeing more of Pliofilm — the most practical packaging material in use today.

These are a few of the well-known products also packed in Pliofilm: **Band Box Shampoo · Poultice Packs by J. C. Eno Ltd. · Mary Drake Soap · Medical Dressings by T. J. Smith and Nephew Ltd. · Toilet Preparations by Camilatone Ltd.**

GOOD THINGS ARE BETTER IN Pliofilm★

★ TRADE MARK The Goodyear Tire and Rubber Co.

Send your enquiries to Pliofilm (C.D.2), Goodyear, Wolverhampton

D

Velouty de DIXOR

The ORIGINAL combined POWDER CREAM

Now in jars...

... the centre of attraction

★ IVORY
★ NATURAL
★ PEACH
★ SUNGOLD
★ OCHRE

2/6 RETAIL *inc. tax*

Attractive display cartons of six jars

From your usual wholesaler or direct from

DIXOR LTD.
ST. LEONARD'S WORKS,
MORTLAKE, S.W. 14.

Selling better than ever

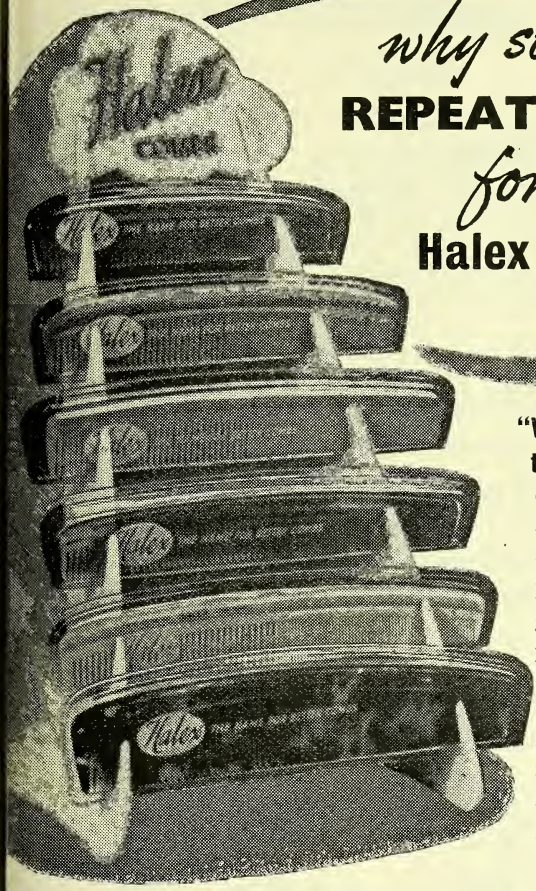
Following recent widespread publicity and comment, the purchasing public is finding increasing interest in Brewers' Yeast as a valuable addition to the daily diet.

Puretest

BREWERS' YEAST FLAKES

1/10 PER TIN (RETAIL)

REXALL DRUG COMPANY LIMITED
KIRKEWHITE STREET, NOTTINGHAM



why so many
REPEAT ORDERS
for the
Halex Comb Bonus?

"When they are well shown they are quickly sold"

That's the simple success-story that scores of retailers are telling about the Halex Comb Bonus. Retailers who really give the combs a good show—particularly a show on the counter—have found the Bonus Offer not merely a major money-spinner but a surprisingly speedy one, and scores have already ordered repeat parcels.

64% OFFER CLOSES ON 30th JUNE . . .

To refresh your memory, here are the facts :—Each parcel contains 6 dozen plus the free tax paid bonus of 6 Halex Saw-Cut Combs. Total cost to you : £4-8-9 plus £1-9-7 purchase tax. Total selling price : £7-5-11 plus £1-9-7 purchase tax. Profit £2-17-2, or 64%.

Re-order from your wholesaler NOW.

HALEX LIMITED, HIGHAMS PARK, LONDON, E.4.

"I want an
Evan Williams TONING PACK
please"

You'll have more and more customers saying this, for women do talk amongst themselves and are enthusiastic about the marvellous hair brightening qualities of these Toning Packs.

Recommendations are boosting sales. Are *you* well supplied with this profitable, nationally advertised and fast moving line? If not, book your orders now.

Evan Williams TONING PACKS

In Packets *(with Shampoo)* retailing at **1/9½** incl. tax
4oz. tins *(full application)* retailing at **3/9** incl. tax

Graduated Henna Toning Pack for Auburn, Chestnut and all shades of Brown Hair
Blended Camomile Toning Pack for Fair Hair
The Perfect Hair Brighteners and Conditioners

EVAN WILLIAMS CO. LTD., *Sales Dept.*, **Aintree Road, Perivale, Middlesex**

Blue Orchid
FESTIVAL SOUVENIR

In ivory-tinted plastic with embossed Festival crest, this cigarette case pack contains a bottle of BLUE ORCHID Perfume in removable fitting. Limited supplies — popular appeal — Order now! Trade price 32/6d. per dozen; retail 6/9d.

Delavelle 35 OLD BOND STREET, LONDON, W.1.
Orders to: 38/46 Orsman Road, London, W.1.

National Advertising stresses that Derl is obtainable –

FROM ALL CHEMISTS

The national advertising campaign for DERL has been launched. Public demand has commenced in a big way. Sales momentum will rise as the impact of publicity increases.

Women are being told that this revolutionary health and beauty soap containing the remarkable new cleansing ingredient, HEXACHLOROPHENE, is obtainable OF ALL CHEMISTS. Substantial sales are being made by those chemists who are making it known through window and counter displays that they stock fragrant Derl.

If you have not yet ordered a supply send NOW for generous trade terms and detail of special display bonus offer.

Derl

Health and Beauty Soap

URE PRODUCTS LTD., COLWICK, NOTTINGHAM

Dearborn (1923) LTD.

MERCOLIZED WAX . . . . . *for nightly skin care*

PILENTA SOAP . . . . . *for the complexion*

SIPOLITE . . . . . *a powder depilatory*

CLYNOL BERRIES . . . *a slimming preparation*

Supplies obtainable from our Distributors

POTTER & MOORE LIMITED

LAVENDER HOUSE, SEYMOUR ROAD, LEYTON, E.10

SATISFIED CUSTOMERS RECOMMEND

RADIAN B. The original aspirin liniment. Reduces swellings and relieves the pain of bruises, muscular rheumatic conditions, sciatica and lumbago.

RADIAN A. A more penetrating application for reducing the inflammation and pain of bunions and other swollen joints.

RADIAN MASSAGE CREAM. The new emollient, specially prepared for regular use by athletes and all who take strenuous exercise. Based on the same formula as Radian B.

RADIAN B BATH SALTS (Medicated). Brings the soothing properties of Radian B to the whole body when it is thoroughly relaxed and most likely to benefit.

Professional samples and full details of trade terms can be obtained from:

Radiol CHEMICALS LIMITED

78 Upper Richmond Rd., London. S.W.15
Tel. Vandyke 2692

Recommend to your customers

Ralgex

ANALGESIC — RESOLVENT COUNTER-IRRITANT

SOLID EMBROCATION

for
RHEUMATIC and MUSCULAR PAINS
NEURALGIA and HEADACHES
BRONCHITIS, CATARRH and LARYNGITIS

Handy, clean, practical and efficacious. Prescribed by doctors and regularly advertised in medical and nursing journals.

PHARMAX LIMITED

The Organ Works, Old Hill, Chislehurst, Ken

On June 14th this advertisement for Goya's seven perfumes will spring to the eyes of 4,880,000 women from a half-page in the Daily Express. Make sure that you have ample supplies of all Goya fragrances — especially in the popular 3/– handbag phials — to meet the immediate demand this advertisement is bound to create. Stock up with Goya now !

GOYA · 161 NEW BOND STREET · LONDON · W1

This Festival year more than ever . . . millions will be saying

I'd rather have a Jaffajuce

JAFFAJUCE ORANGE contains more than three times as much orange juice and pure sugar as the standard laid down by the Ministry of Food.
Awarded the Certificate of the Royal Institute of Public Health and Hygiene.
Jaffajuce has now also received the Good Housekeeping Institute Gold Seal for quality.

Order through your usual wholesaler. In case of difficulty write to :—

JAFFAJUCE LIMITED, 87 REGENT STREET, W.1.

MOSELEY MOULDED HOT WATER BOTTLES

A warm line for cold nights

MOSELEY moulded hot water bottles are supplied in red, green or blue, whilst the moulded cot hot water bottles can be had in a variety of attractive pastel shades. Handmade, fabric reinforced hot water bottles are supplied in red or white.

MOSELEY

EST 1803

Further details and terms from:—

DAVID MOSELEY & SONS LTD. *ARDWICK, MANCHESTER 1*
53/55 NEW BOND ST., LONDON W.1
54 GEORGE ROAD (ISLINGTON ROW) EDGBASTON, BIRMINGHAM

TWELVE PHONE LINES at your service

An efficient, courteous and prompt DAILY DELIVERY
for GREATER LONDON and the HOME COUNTIES

FOR PROMPT ROUTINE DELIVERY

'Phone **EUSTON 2524**

if possible before 12 o'clock (Saturday 10.30 a.m.)

No limit to number or variety of lines

Ever increasing stocks of Patents, Toilets, Sundries, Packed Goods and Ethical Products of well known houses

Allen & Hanburys
Anglo French Drug Co.
Bayer Products
Glaxo **British Drug Houses**
Caswell & Pickup **British Schering**
Ortho Pharmaceuticals **Burroughs Wellcome**
Organon **Ciba Labs.**
Parke, Davis and Co. **Crookes Labs.**
Roche Products **Gedeon Richter**
Sandoz **Hough Hoseason**
Sharp & Dohme **Medo-Chemicals Ltd.**
John Wyeth & Bro.
Etc., Etc.

THE
ALLIED DRUG & CHEMICAL CO.
ROBERT STREET, LONDON, N.W.1

"Chloromycetin, Insulin, Streptomycin, Penicillin, also D.D.T. Preparations in Stock

Modern Treatment for

FUNGOUS SKIN INFECTIONS

It is now firmly established that the skin protects itself against infection by its "acid mantle." Experiments have proved that the higher fatty acids are extremely effective fungicides which do not produce contact dermatitis.

Decilderm Ointment and Powder (Duncan) present the particularly effective fatty acid, undecylenic acid, and its zinc salt. Both preparations are pleasantly perfumed and are easy to apply. They can be used for long periods, if necessary, and are valuable for the treatment of tinea pedis (athlete's foot), tinea cruris (dhobi itch), moniliasis, etc.

DECILDERM OINTMENT (Duncan)

1 oz. tubes (Undecylenic acid 5%—zinc salt 20%)

DECILDERM POWDER (Duncan)

2 oz. sprinklers (Undecylenic acid 2%—zinc salt 20%)

Prices and Literature on request

DUNCAN, FLOCKHART & CO. LTD.,

EDINBURGH LONDON

When it's Sundries Think of "Ritchies"!

A few samples from our range:

Arch Supports
Hypodermic Needles (Stainless)
Dressings of all types
Weighing Machines
Ramer Sponges
Spontex Sponges
Pill Boxes
Gillettes
Personna
Dunlopillo Cushions
Electric Blankets
Heat-Pads
"Agrippa" Teats
Feedrites
Dropper Bottles

Scissors of all Types

We stock Addis, Halex and Hygex Brushes

Scottish distributors of Plim Hypodermic Syringes

George B. Ritchie & Co

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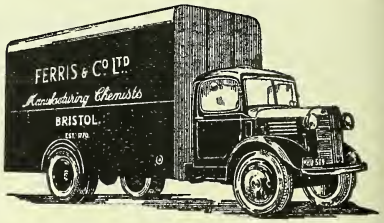

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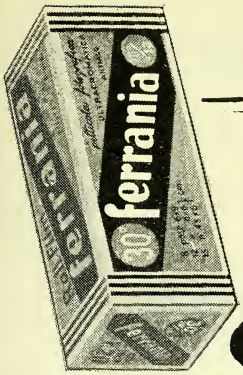

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Packed 1 dozen bottles per carton. (**Bonus** packed half-dozen bottles per carton). 1/- a dozen paid on all Ribena bottles returned.

Ribena contains not less than 20 mgms. of Vitamin C per fluid oz.

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BRITISH MADE

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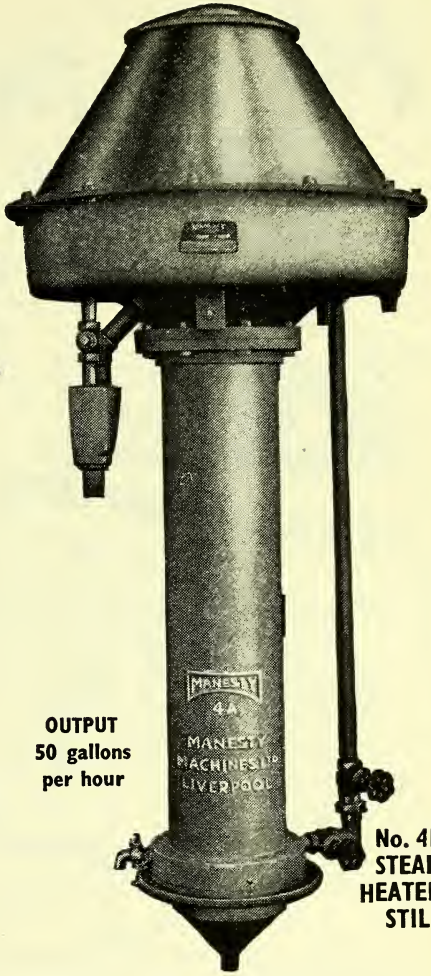

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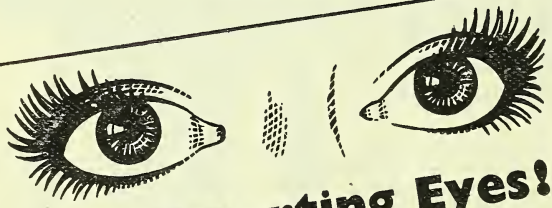
14 TO THE DOZEN on Valopto

THE SCIENTIFIC EYE LOTION



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relieved in 60 seconds

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Order Today

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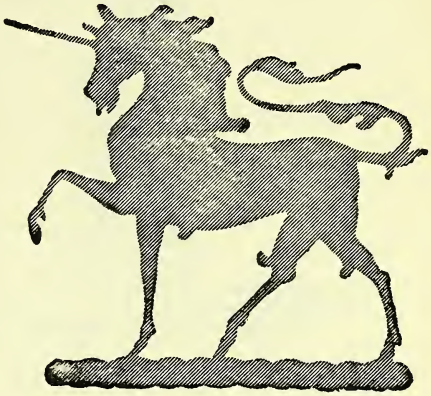
The **brand** *makes the distinction*



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Each sugar-coated product contains :—

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Extract of Jalap	gr. 1/2
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Green Extract of Hyoscyamus, B.P. 1898	gr. 1/4
Menthol...	gr 1/20

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'Tabloid'BRAND Laxative Vegetable

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MAXIMUM SUB-LINGUAL ABSORPTION FROM SMALL SPECIALLY PREPARED TABLETS

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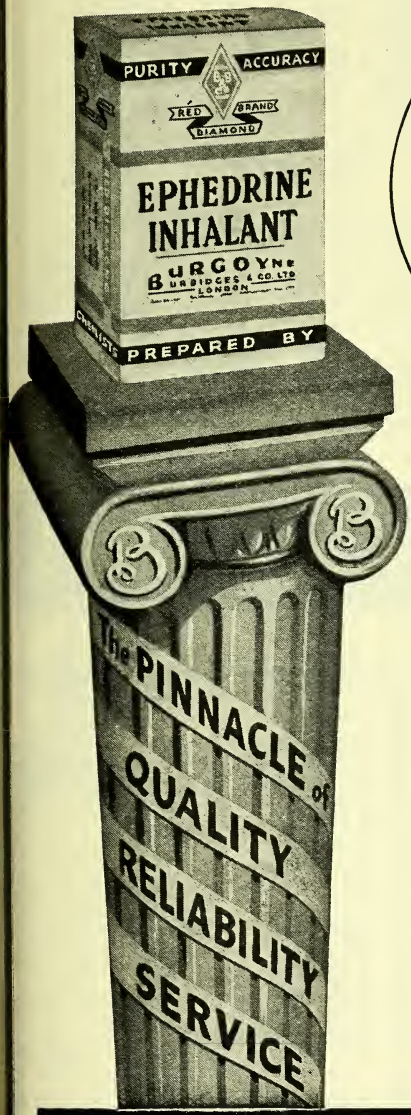

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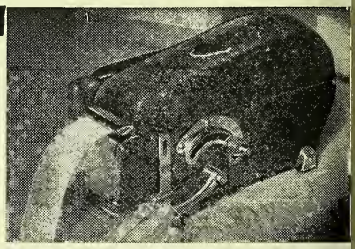

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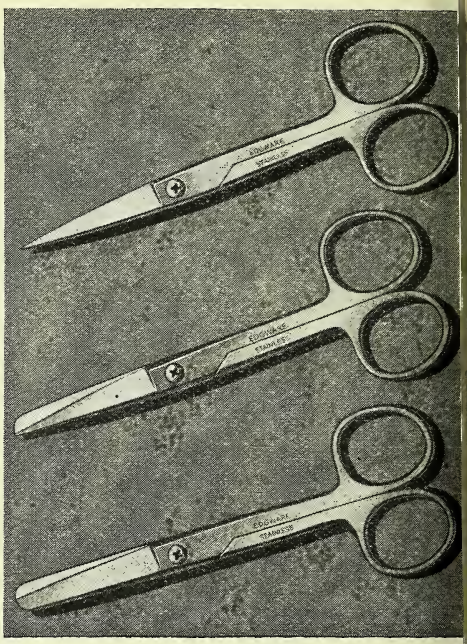

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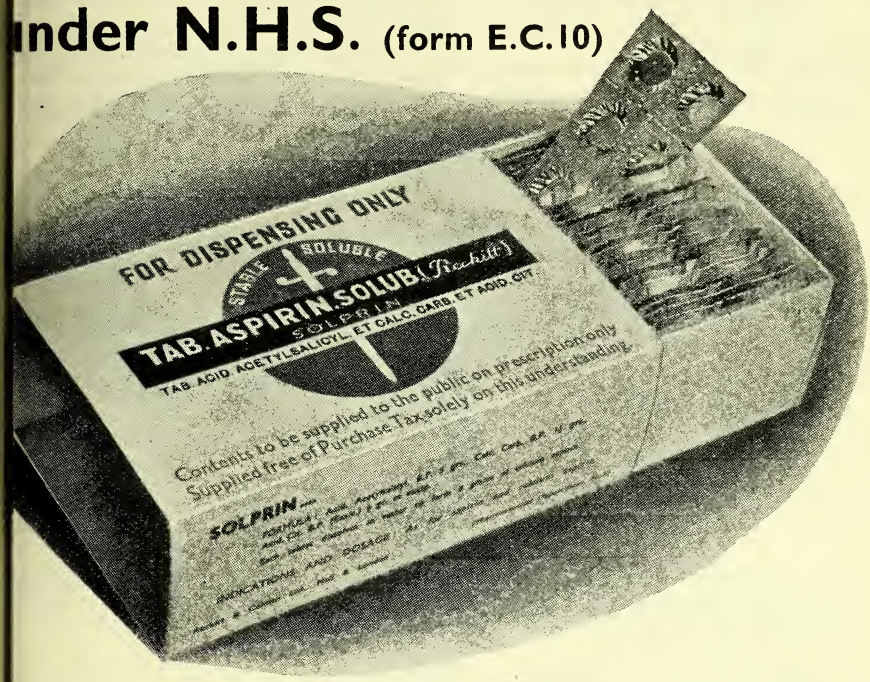

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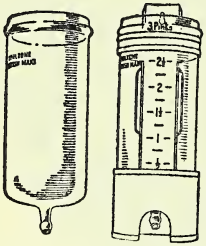
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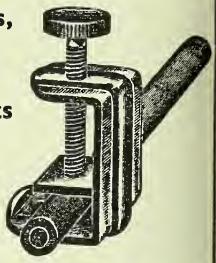
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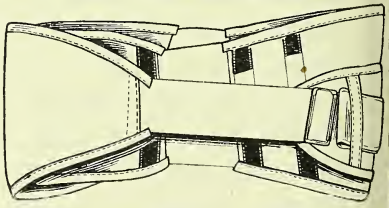

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. . . and he has started
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NYLON toothbrush.
Attractive and hygienic,
NYLON toothbrushes
clean teeth efficiently
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soften with use.
NYLON brushes look well,
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and give lasting satisfaction.

here is no better brush

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ROSE'S *Diabetic* LIME JUICE

REFRESHING drinks of lime juice can be enjoyed by diabetics. Specially made without added sugar, Rose's Diabetic Lime Juice costs 3/3 a bottle. (Also Rose's Diabetic Fruit Squashes — Lemon or Orange — for those who prefer them. 3/- a bottle).

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Vitamin B_1, Glycerophosphates and Strychnine in a palatable base. An ethical Tonic, reconstructive and stimulant, which is recommended for adults and adolescents.

Indicated in Neurasthenia, Neuritis and nervous debility

Bottles of 4 fl. ozs. and 8 fl. ozs. each in carton

Dose, 1 to 2 fl. drachms

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STEROXIN OINTMENT

(5·7 dichloro-8-hydroxyquinaldine 3%)

for skin diseases of staphylococcal origin. 1 oz. tube 3/8, 4 oz. tube 11/- inc. P.T., and in 1 lb jars

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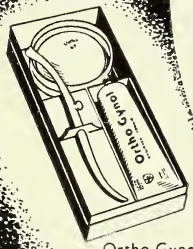
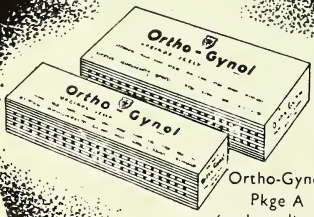
These original developments of Ortho research are consistently before the medical profession and teaching hospitals. They are the most widely prescribed of their kind. The clinical need is established and the demand justifies their prominence in your pharmacy.

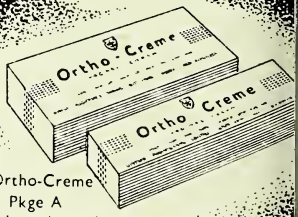


Ortho-Gynol Set
(Sizes 55-95)

Ortho-Creme Set
(Sizes 55-95)



Ortho-Gynol
Pkge A
(with applicator)
Ortho-Gynol
Pkge B (tube only)



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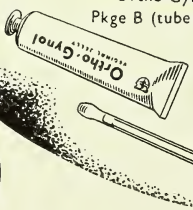

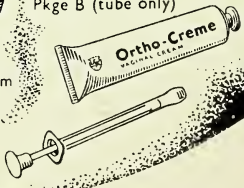

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Ortho Pharmaceutical Limite

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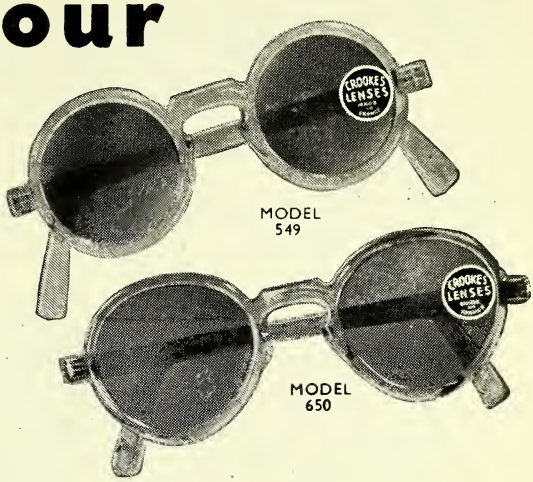

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549. Round shape with Crookes Lenses. Retail Price **1/9**

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WHOLESALE ENQUIRIES TO THE ABOVE ADDRESS

THE PUBLIC WANT ZEMS

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A BATTLE AGAINST RISING PRICES!

Stockpiling in America has resulted in an acute shortage of the raw materials necessary for the manufacture of Sunglasses; but although prices may tend to harden later in the Season, we are in the fortunate position of being able to continue last years' models and also to offer new styles with guaranteed 'Sales Appeal'.

Please ask your Wholesaler to show you our 1951 range; models retailing from as low as 1s. 0d. per pair.

. . . Including SUNRA GLASS.

LAST SEASONS' SUNGLASS SENSATION

VALUE = SALES! SALES = PROFITS!

Have you seen

THIS

new beautifully designe
showcard size 23" x 17½"
full colours ?

With the two side panels 17" x 10
each also supplied, the whole mak
an attractive window display th
compels attention, and creates sale

THE COMPLETE SET IS FREE. A
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EDME "AUTUMN SUN" is t
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'PENS'

"PEN" BRAND

UNBREAKABLE

Now issued as attractive Plastic Tubes (NOT GLASS) with Plastic Screw Caps

IODINE MOSQUITO	RETAIL 1/9 including Tax	TRADE PRICES: 12/- per doz. 11/6 per doz. for 3 doz. (assorted if desired). Plus 33⅓% Tax on Iodine and Mosquito.
ACRIFLAVINE CLEARSIGHT	RETAIL 1/6 (No Tax)	

The 'PEN' DISPLAY BOX contains 1 doz.

CA169

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Manufacturing Chemists *Est. 1813*

CANDA
Reg. Trade Mark.

In line with modern therapy

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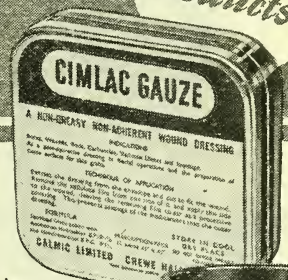

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Cimlac Gauze is compatible with systemic antibiotic therapy.

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Rapid relief from itching and irritation is obtained with subsequent ing of the lesions.

Available as a cream or powder.

CKS. Calped Powder: 4 oz. drums.
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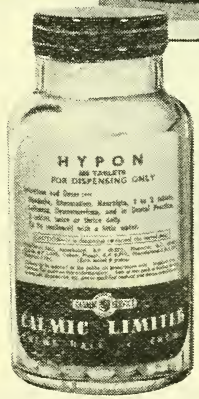

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NALGESIC AND ANTIPYRETIC

The side effects of depression and constipation often ociated with the administration of analgesics are avoided by inclusion of Phenolphthalein and Caffeine in a balanced formula taining:—Acid, Acetylsal., Phenacet., Caffein., Codein. Phosph., nolphthalein.

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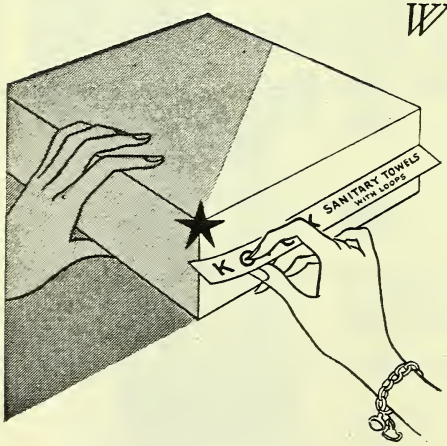

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meet your requirements.

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Epilepsy...

Total or partial relief in a high percentage of patients suffering from

★ **Grand Mal Epilepsy**

★ **Jacksonian Seizures**

★ **Psychomotor Equivalents**

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MESONTOIN

Each tablet contains 0·1g. methoin
Average dosage : 2–6 tablets daily

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HYDANTAL-SANDOZ

Each tablet contains 0·1g. methoin and 0·02g. phenobarbitone
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RIGID BOXES, PLAIN and FANCY

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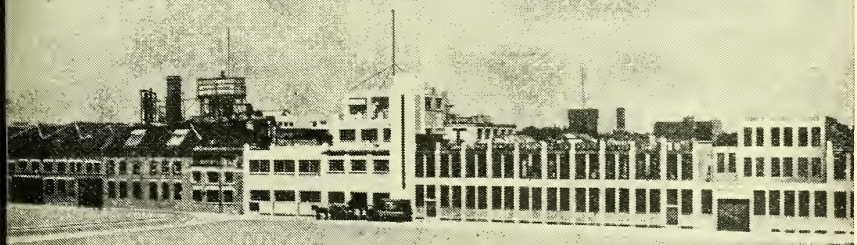

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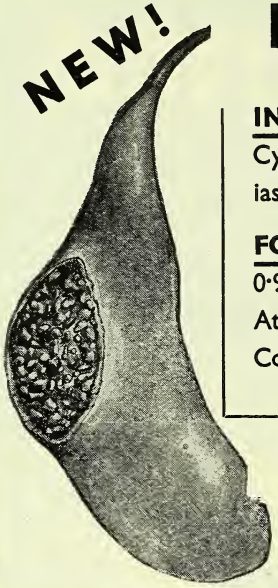

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INDICATIONS: Hæmorrhoids, Tenesmus, Pyelitis, Cystitis, Uterine Inertia, Dysmenorrhœa, Cholelithiasis, Cholangitis, Prostatitis.

FORMULA: Ext. Bellad. Sicc 1%, Papaverine Hyd 0·99%, Ephedrine Hyd. 0·05%, Strontium Iod. 1% Atropine Methylnitrate 0·05% in special Oleum Cocoa Suppository.

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WHOLESALE AND RETAIL ENQUIRIES INVITED

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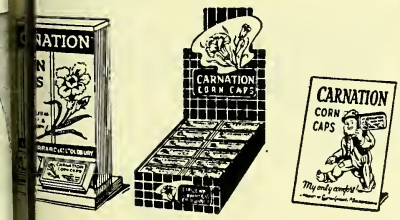

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XTRA DISCOUNTS

ORDER LESS 2½% £10 ORDER LESS 5%

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A PRODUCT OF
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Telling millions

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Zoflora, the spray-disinfectant, is now advertised in popular "home" magazines with an estimated readership of 16,300,000. This is making custom for you, because each advertisement directs housewives to their chemist.

May we send you a trial order and show material?

RETAIL: 2/- per bottle. Complete Spraying Outfits, 10/- and 21/-

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DL-METHIONINE

The only essential sulphur-containing amino aci

Indicated in toxic hepatitis, hepatic cirrhosis, secondar anaemias, purpura, jaundice and debility.

Issued in bottles of 50 and 250 tablets each containir 0.25 G. DL-Methionine.

P.A.T.A PRICES **50 tablets 10/6d.** **84/- per doz**
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(*Both sizes exempt Purchase Tax*)

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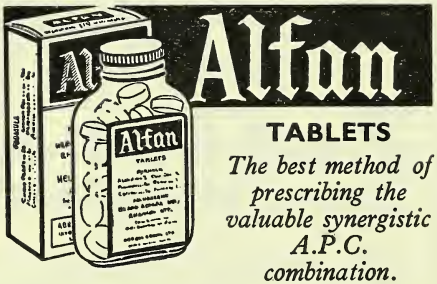

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The best method of prescribing the valuable synergistic A.P.C. combination.

Dispensing pack 75 for 2/6 Tax Free
Retail Counter Packs 10½d. 1/9 and 3/3

- **Will not constipate.**
- **Well tolerated by patients liable to gastric upset.**
- **Rapid and prolonged antipyretic and analgesic action.**

FORMULA

Acid Acetysal -	2½ gr.	Calc. Phos. -	2½ gr.
Phenacetin -	2½ gr.	Phenolpthalein	1/12th gr.
Caffeine -	1 gr.	Amylum - -	1 gr.

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GUMS & LOZENGE

FRYER & CO. (Nelson) LTD., Nelson,

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BIGGER SALES

The lively Advertising behind
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Display Kolynos for bigger profits

you now make, on best terms, **fivepence** clear profit
on every medium size tube you sell.
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Pharmacy's finest Service for Eighty years—and now

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TWO SIZES
1/9 or 3/-

Trade 16/- doz. or 27/- doz.
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CARR'S CEREAL PRODUCTS LTD
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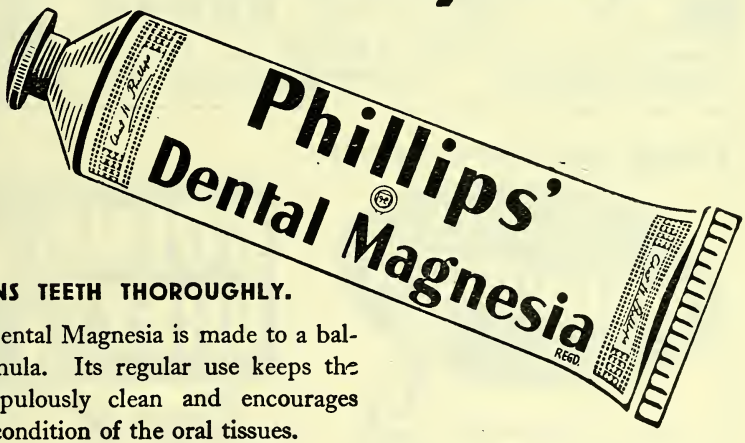
You can recommend — with complete assurance

ONE *Toothpaste*

to serve **TWO** *Purposes*



1 CLEANS TEETH THOROUGHLY.

illips' Dental Magnesia is made to a bal-ced formula. Its regular use keeps the eth scrupulously clean and encourages healthy condition of the oral tissues.

2 COMBATS MOUTH ACIDITY.

Phillips' Dental Magnesia is the only tooth-paste containing 'Milk of Magnesia'* which is widely recognized as the most effective medium for controlling oral acidity.

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* *'Milk of Magnesia' is the trade mark of Phillips' preparation of magnesia.*

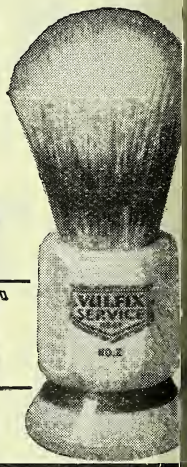
I took **VULFIX** straight on the chin

And I kept it there, whipping up a w
wilting lather in a wink !

VULFIX "SERVICE"
obtainable through all wholesalers

Retail at 4/6, 6/9, 7/6, 9/6, 12/3, 12/6 and 21/- each

THE BRUSH WITH THE TWO YEARS GUARANTEE



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PURE BRISTLE

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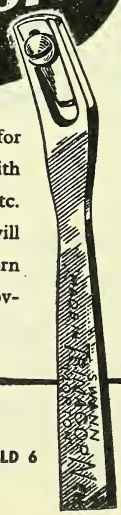
STOCK THIS RAPID SELLER

SWANN-MORTON
Trimacorn



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Keep it **DARK** *with*
SHADEIN

— Your SALES are assured you stock SHADEINE !

Still the best hair tint. In all natural sh
Stocked by all wholesalers. Trade prices—
16/9 per doz., 2 oz. 29/7 per doz. Purchas
100% Retail prices 3/3 and 5/9 per
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49 Churchfield Rd. Acton, Lond

Firm Favourites!

with every member of the family . . . .

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MEDICINAL AND TOILET

SOAP · OINTMENT · TALCUM POWDER · SHAVING STICK

These grand aids for skin care have been giving confidence and satisfaction for over 70 years. Public confidence in these firm favourites is shown by an ever-increasing demand that is strongly supported by consistent and widespread advertising. Profits are good and sales promoting window displays are always at your service.

	TRADE PRICE *Dozen*	PURCHASE TAX	CONSUMER PRICE *Each*
SOAP	9/6½d.	33⅓%	1/3d.
OINTMENT, *standard*	11/6d.	33⅓%	1/7d.
OINTMENT, *large*	23/-d.	33⅓%	3/2d.
TALCUM POWDER	11/6d.	100%	2/3d.
SHAVING STICK, *in plastic case*	15/6d.	33⅓%	2/2d.
SHAVING STICK, *refill*	10/6d.	33⅓%	1/6d.

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TELEPHONE: HOLBORN 1564.

Manufacturers: POTTER DRUG & CHEMICAL CORPORATION.
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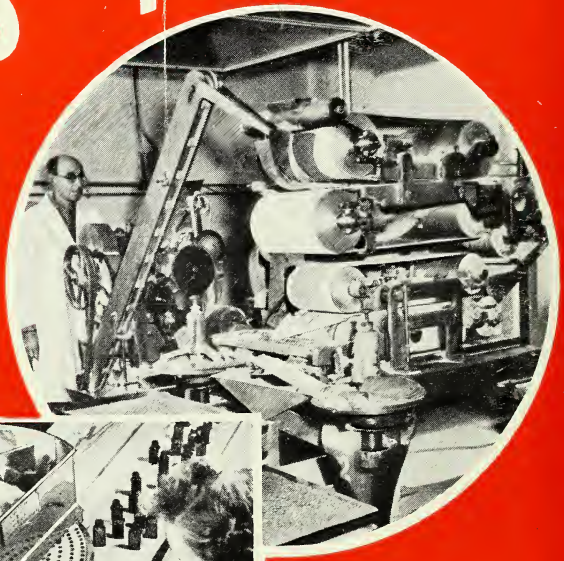

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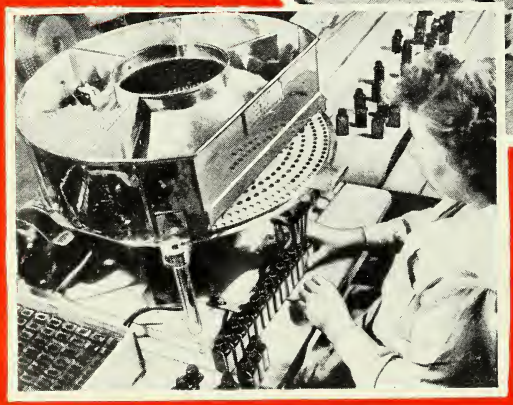

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